

Note:-  
1. All Caravans shall be constructed from 1 hour fire rated material.  
2. All caravans shall be used for a maximum period of 6 months only.  
3. Construction of mess areas having kitchen shall be concrete type.

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KEY PLAN :

| LEGENDS                  |  |
|--------------------------|--|
| LEGEND FOR FIRE FIGHTING |  |
|                          | MULTIPURPOSE (ABC)<br>DRY POWDER TYPE 4.5KG EXTINGUISHER   |
|                          | MULTIPURPOSE (ABC)<br>CO2 TYPE 2 KG EXTINGUISHER   |
|                          | FIRE HOSE CABINET<br>(SINGLE DOOR)<br>1 No: Ø25x30 Mtr. LONG HOSE REEL & NOZZLE<br>1 No: Ø25 PRESSURE REDUCING ANGLE VALVE |
|                          | YARD FIRE HYDRANT  |
|                          | AIR RELEASE VALVE  |

PROJECT NO: STE-SD-026/15

DATE : 25:10:2015

OWNER :-

أدنوك  
ADNOC

شركة بتول أبوظبي الوطنية

PLOT NO :- T-1059

AREA :- RUWAIS

FIRE FIGHTING CONTRACTOR

**SAFAD**  
FIRE PREVENTION  
ABU DHABI - U.A.E.  
TEL: 02-5547470 Web Site : www.Safaduae.com  
FAX: 02-5547471 Email: Safaduae@emirates.net.ae

MAIN CONSULTANT

**P. Iaza**  
Engineering Consultant  
Abu Dhabi: Tel: 02-6442273 Fax: 02-6423661  
P.O.Box: 56498 • E-mail: plaza.uae@gmail.com

PROJECT NAME :-  
RUWAIS HOUSING COMPLEX EXPANSION- PHASE-4  
CONSTRUCTION OF INFRASTRUCTURE WORKS

SHEET NO :- FF-1/7 SCALE :- N.T.S

DRAWN BY  
Yasir

APPROVED BY






PROJECT ID :-  
35459

SITE PLAN

| PARTY    | MAIN CONSULTANT | MAIN CONTRACTOR | APPROVED INSTALLER | CIVIL DEFENCE |
|----------|-----------------|-----------------|--------------------|---------------|
| Standard | ENG./.....      | ENG./.....      | ENG./.....         | ENG./.....    |
| NFPA 10  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 14  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 20  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| Stamps   |                 |                 |                    |               |



## LEGENDS

| LEND FOR FIRE FIGHTING  |   |
|---|---|
|  | MULTIPURPOSE (ABC)<br>DRY POWDER TYPE 4.5KG EXTINGUISHER  |
|  | MULTIPURPOSE (ABC)<br>CO2 TYPE 2 KG EXTINGUISHER  |
|  | FIRE HOSE CABINET<br>(SINGLE DOOR)<br>1 No: Ø25x30 Mr. LONG HOSE REEL & NOZZLE<br>1 No: Ø25 PRESSURE REDUCING ANGLE VALVE |
|  | FIRE HYDRANT  |
|  | AIR RELEASE VALVE   |

PROJECT NO: STE-SD-026/15

DATE : 25:10:2015

OWNER :-

أدنوك  
ADNOC  
شركة بترول أبوظبي الوطنية

PLOT NO :- T-1059

AREA :- RUWAIS

FIRE FIGHTING CONTRACTOR



ABU DHABI - U.A.E.

TEL: 02-5547470      Web Site : [www.Safaduae.com](http://www.Safaduae.com)  
FAX: 02-5547471      Email: [Safaduae@emirates.net.ae](mailto:Safaduae@emirates.net.ae)

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P.O.Box:56498 • E-mail: plaza.uae@gmail.com

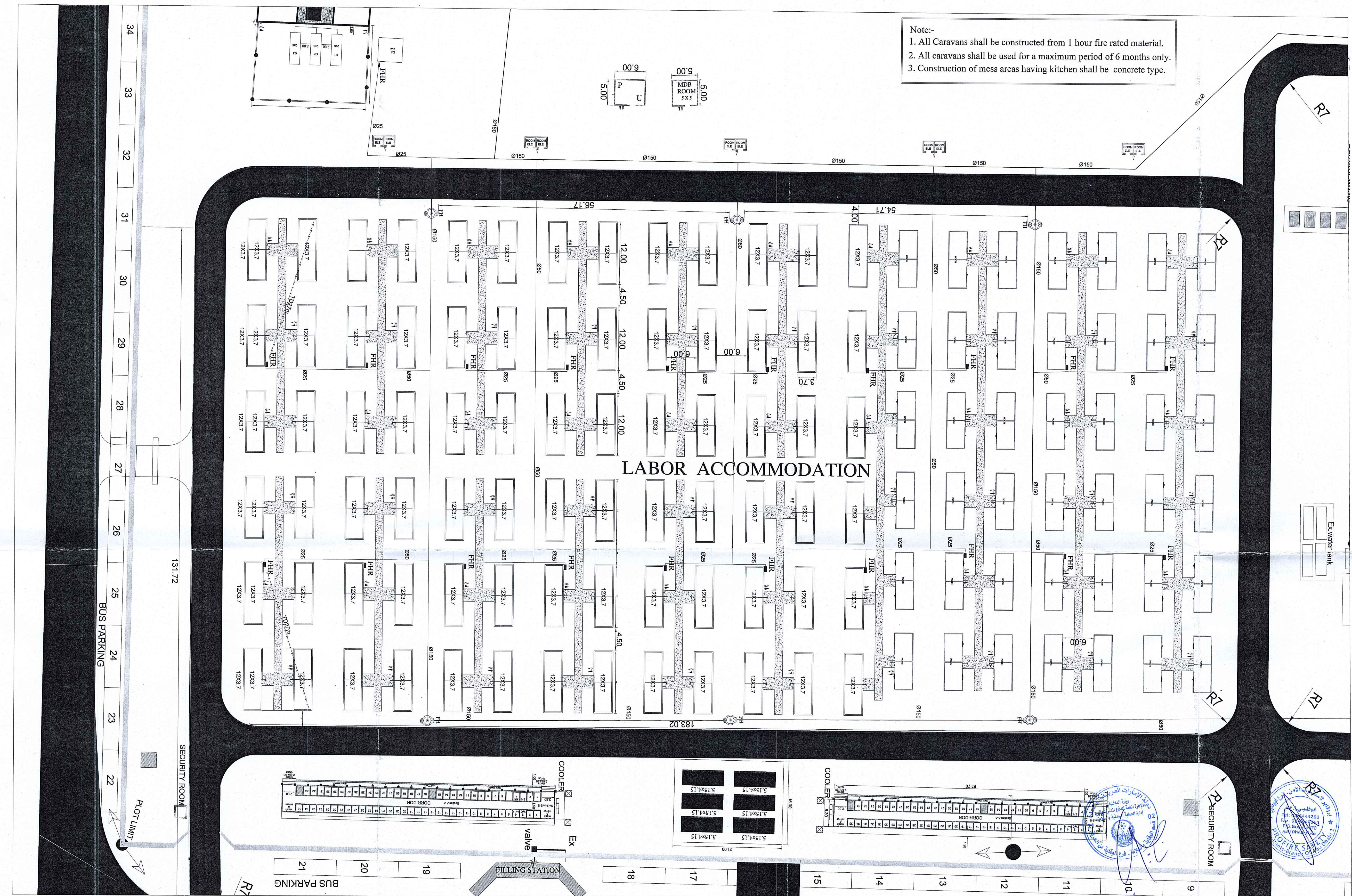
PROJECT NAME :-  
RUWAIS HOUSING COMPLEX EXPANSION- PHASE-4  
CONSTRUCTION OF INFRASTRUCTURE WORKS


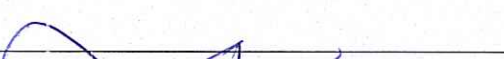

SHEET NO :- FF-2/7      SCALE :- N.T.S

|                   |             |
|-------------------|-------------|
| DRAWN BY<br>Yasir | APPROVED BY |
|-------------------|-------------|

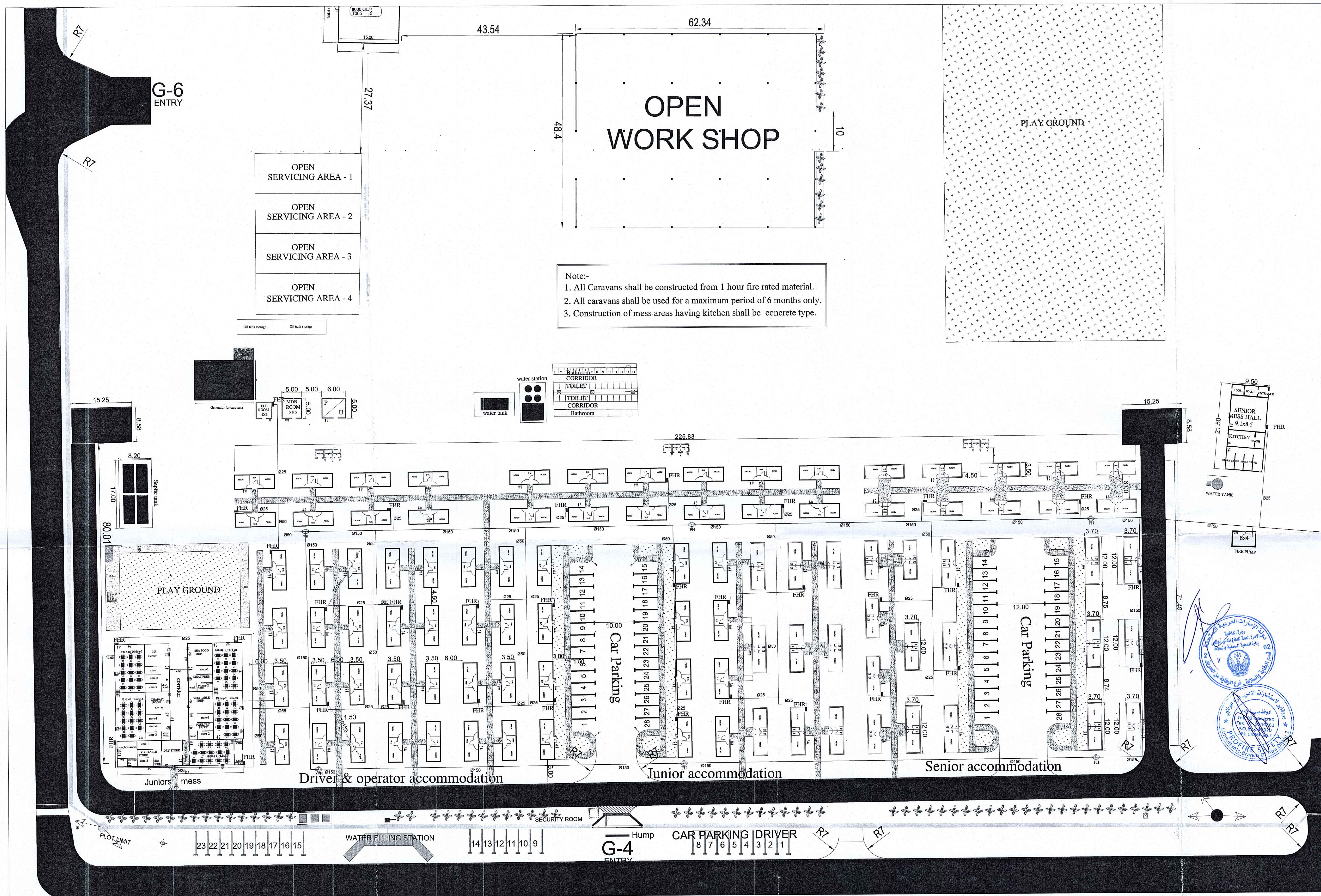
PROJECT ID :- 35459

## PIPING LAYOUT



| PARTY    | MAIN CONSULTANT   | MAIN CONTRACTOR  | APPROVED INSTALLER  | CIVIL DEFENCE |
|----------|---|--|---|---------------|
| Standard | ENG./.....  | ENG./.....   | ENG./.....  | ENG./.....    |
| NFPA 10  | SIGN./.....   | SIGN./.....  | SIGN./.....   | SIGN./.....   |
| NFPA 14  | SIGN./.....   | SIGN./.....  | SIGN./.....   | SIGN./.....   |
| NFPA 20  | SIGN./.....   | SIGN./.....  | SIGN./.....   | SIGN./.....   |
| Stamps   |  |  |  |               |





Note:-  
 1. All Caravans shall be constructed from 1 hour fire rated material.  
 2. All caravans shall be used for a maximum period of 6 months only.  
 3. Construction of mess areas having kitchen shall be concrete type.

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N

E

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KEY PLAN :

LEGENDS

LEGEND FOR FIRE FIGHTING

MULTIPURPOSE (ABC)  
DRY POWDER TYPE 4.5KG EXTINGUISHER

MULTIPURPOSE (ABC)  
CO2 TYPE 2 KG EXTINGUISHER

FIRE HOSE CABINET  
(SINGLE DOOR)  
1 No: Ø25X30 Mtr. LONG HOSE REEL & NOZZLE  
1 No: Ø25 PRESSURE REDUCING ANGLE VALVE

FIRE HYDRANT

AIR RELEASE VALVE

PROJECT NO: STE-SD-026/15

DATE : 25:10:2015

OWNER :-

أدنوك

ADNOC

شركة بترول أبوظبي الوطنية

PLOT NO :- T-1059

AREA :- RUWAIS

FIRE FIGHTING CONTRACTOR

SAFAD

FIRE PREVENTION

ABU DHABI - U.A.E.

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MAIN CONSULTANT

plaza

Engineering Consultant

Abu Dhabi: Tel: 02-6442273 Fax:02-6423661  
P.O.Box:56498 • E-mail: plaza.uae@gmail.com

PROJECT NAME :-  
 RUWAIS HOUSING COMPLEX EXPANSION- PHASE-4  
 CONSTRUCTION OF INFRASTRUCTURE WORKS

SHEET NO :- FF-3/7 SCALE :- N.T.S

DRAWN BY  
 YASIR

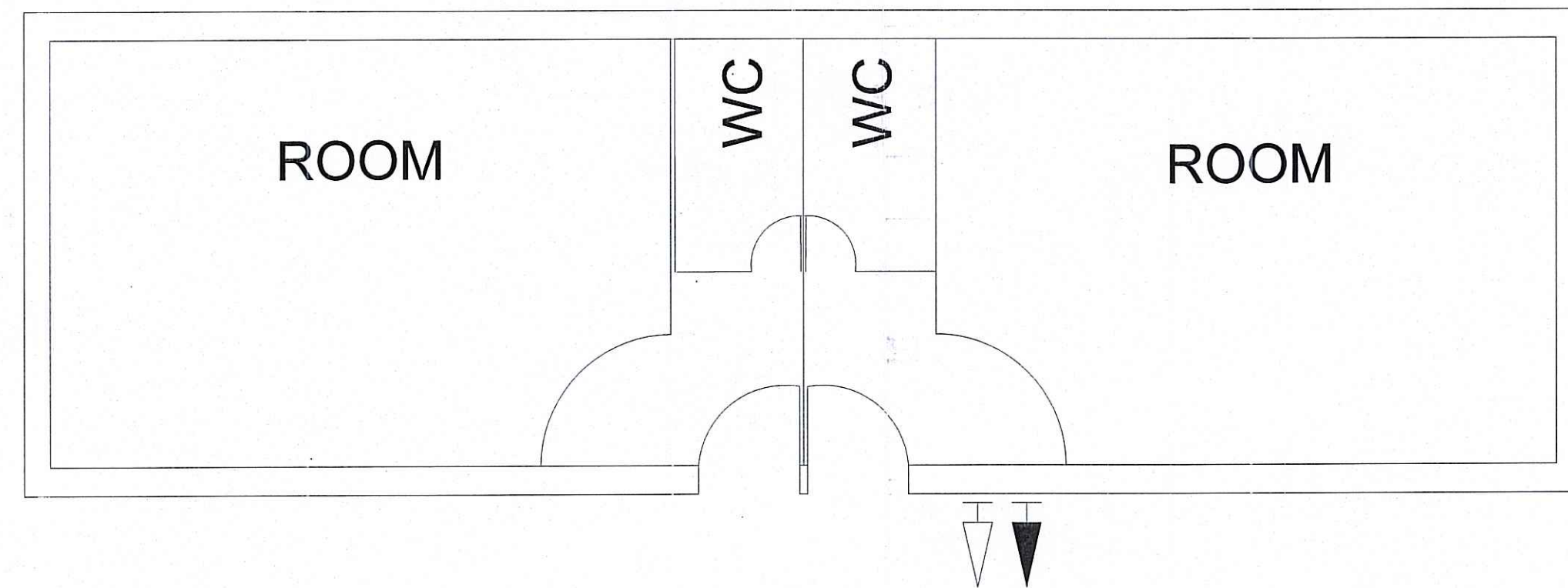
APPROVED BY  
 PROJECT ID :- 35459

PIPING LAYOUT

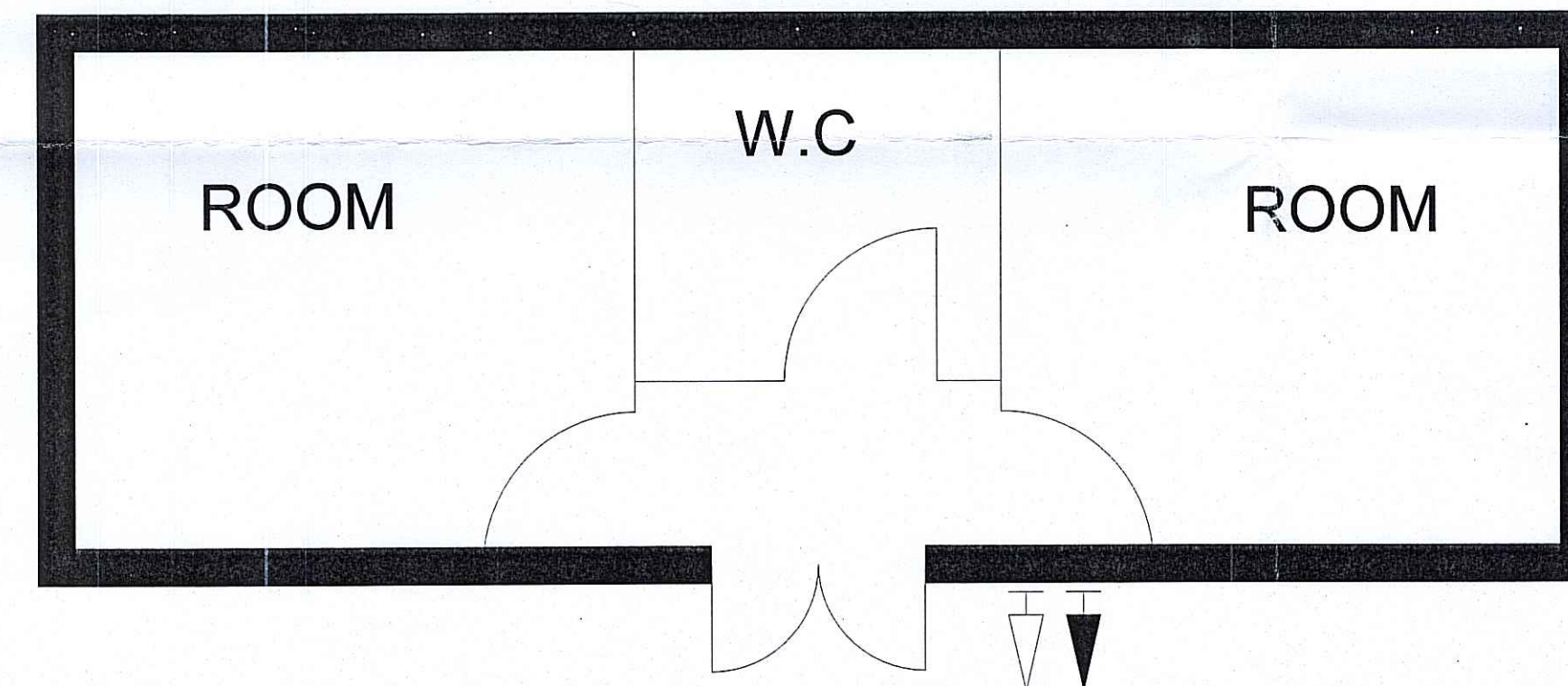
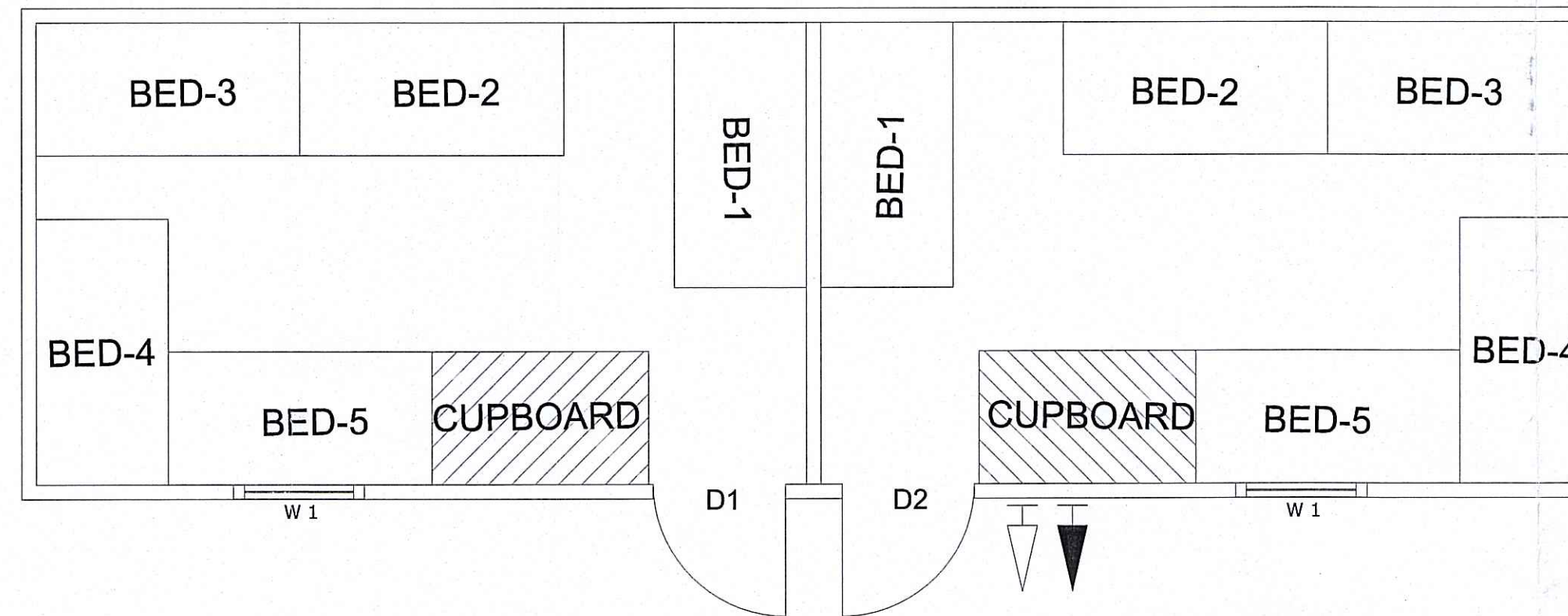
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|----------|-----------------|-----------------|--------------------|---------------|
| PARTY    | MAIN CONSULTANT | MAIN CONTRACTOR | APPROVED INSTALLER | CIVIL DEFENCE |
| Standard | ENG./.....      | ENG./.....      | ENG./.....         | ENG./.....    |
| NFPA 10  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 14  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 20  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| Stamps   |                 |                 |                    |               |



**SENIOR CARAVANS (12x3.70) 20 Nos**  
**SENIOR CARAVANS (11x3.50) 11 Nos**

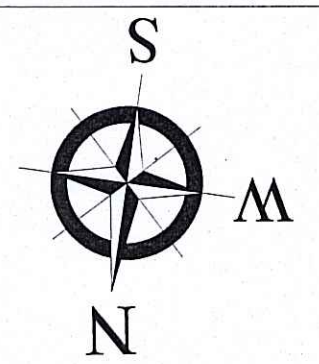


**LABOR CARVANS (12x3.70) 78 Nos**  
**LABOR CARVANS (11x3.50) 45 Nos**



**JUNIOR CARAVAN (10x3.50) 16 Nos**  
**DRIVER & OPERATOR CARVAN (10x3.50) 36 Nos**

Note:-  
 1. All Caravans shall be constructed from 1 hour fire rated material.  
 2. All caravans shall be used for a maximum period of 6 months only.  
 3. Construction of mess areas having kitchen shall be concrete type.  
 4. Refer to piping layout drawings for exact location of fire extinguishers in caravans area.



KEY PLAN :

**LEGENDS**

|                          |  |
|--------------------------|--|
| LEGEND FOR FIRE FIGHTING |  |
|                          | MULTIPURPOSE (ABC)<br>DRY POWDER TYPE 4.5KG EXTINGUISHER   |
|                          | MULTIPURPOSE (ABC)<br>CO2 TYPE 2 KG EXTINGUISHER   |
|                          | FIRE HOSE CABINET<br>(SINGLE DOOR)<br>1 No: 025X30 Mir. LONG HOSE REEL & NOZZLE<br>1 No: 025 PRESSURE REDUCING ANGLE VALVE |
|                          | FIRE HYDRANT   |
|                          | AIR RELEASE VALVE  |

PROJECT NO: STE-SD-026/15

DATE : 25:10:2015

OWNER :-



PLOT NO :- T-1059

AREA :- RUWAIS

FIRE FIGHTING CONTRACTOR



MAIN CONSULTANT



PROJECT NAME :-  
 RUWAIS HOUSING COMPLEX EXPANSION- PHASE-4  
 CONSTRUCTION OF INFRASTRUCTURE WORKS

SHEET NO :- FF-4/7 SCALE :- N.T.S

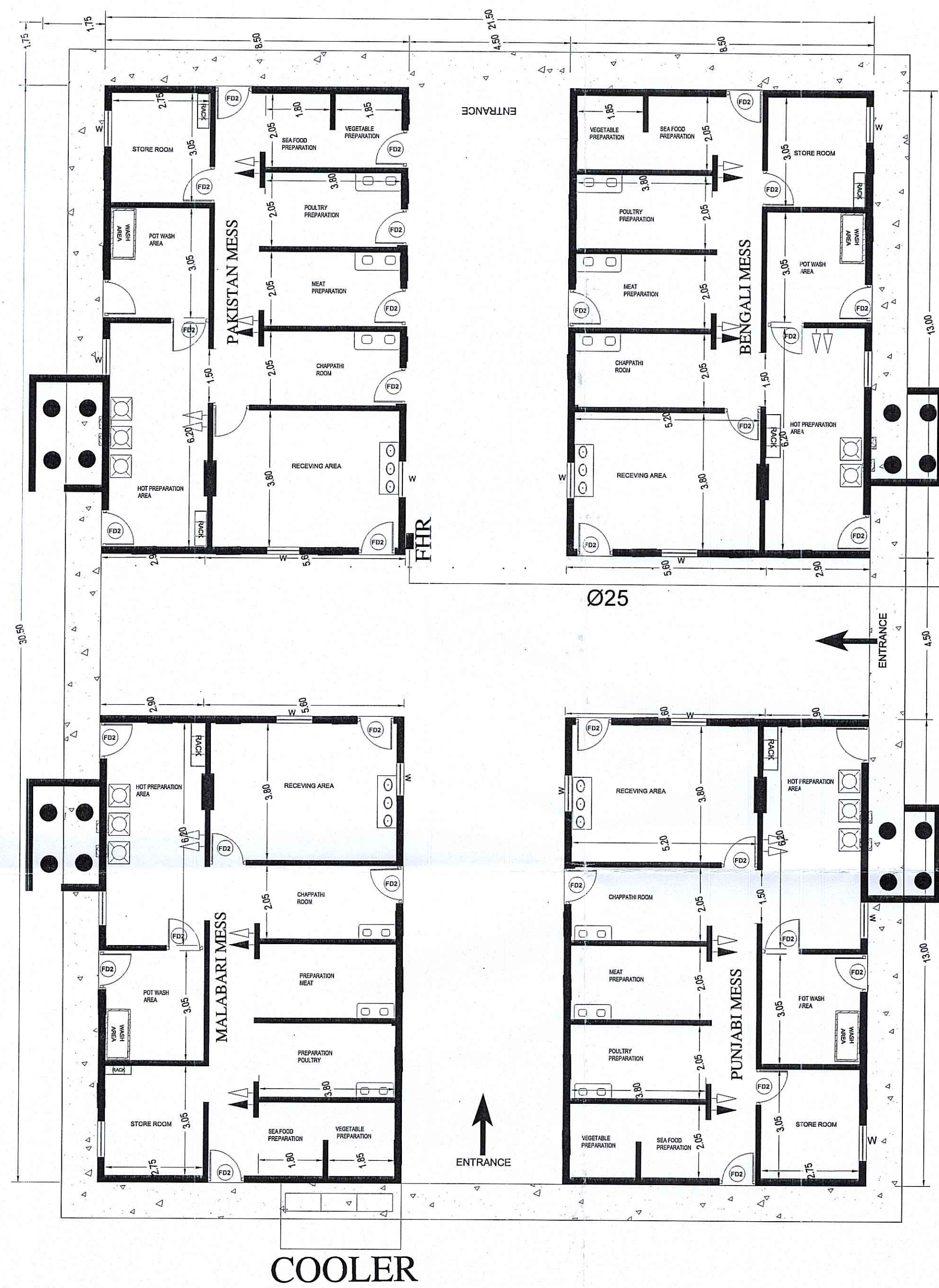
DRAWN BY  
 YASIR

APPROVED BY  
 PROJECT ID :- 35459

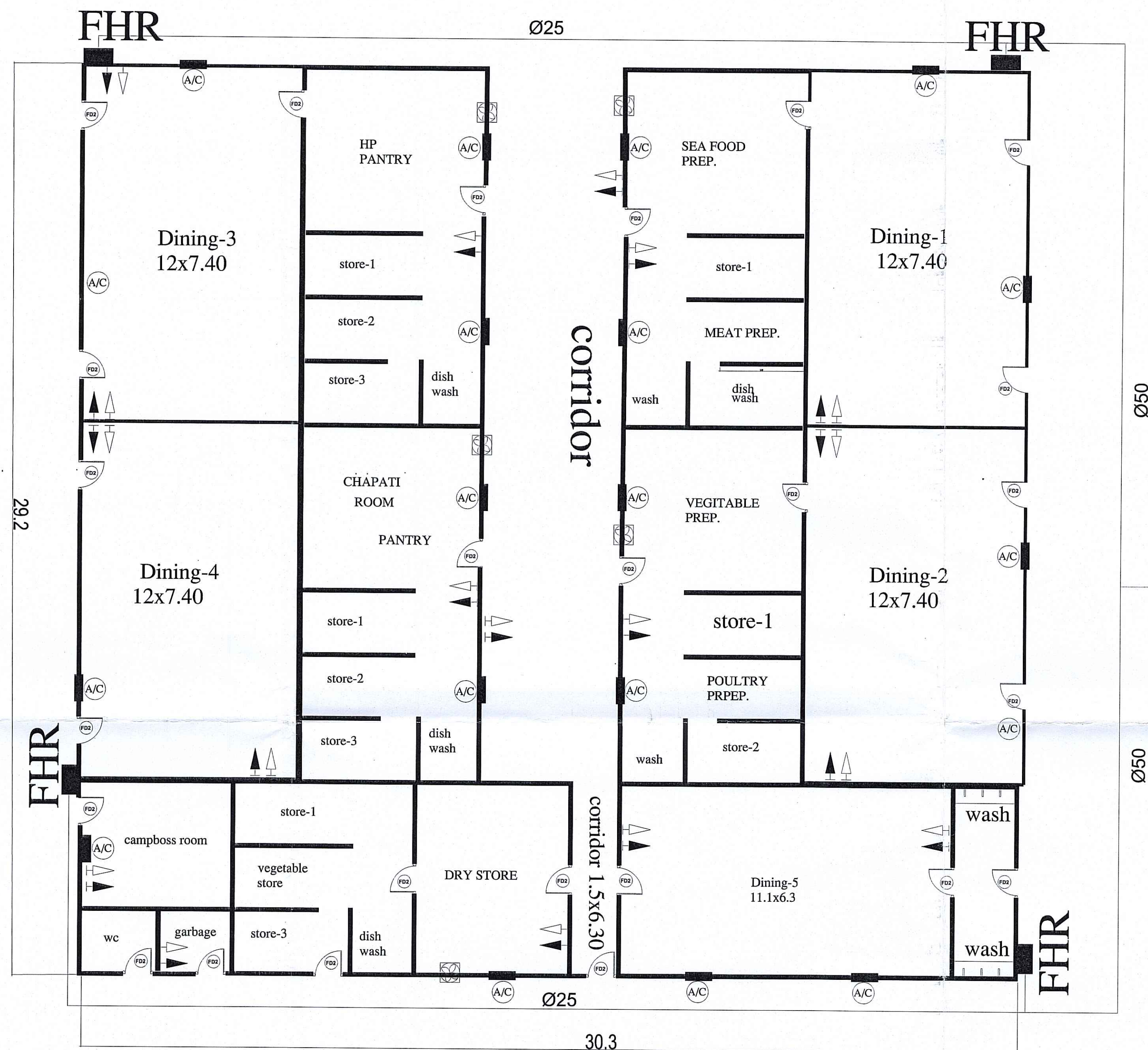
**CARWAN LAYOUT**

| PARTY    | MAIN CONSULTANT | MAIN CONTRACTOR | APPROVED INSTALLER | CIVIL DEFENCE |
|----------|-----------------|-----------------|--------------------|---------------|
| Standard | ENG./.....      | ENG./.....      | ENG./.....         | ENG./.....    |
| NFPA 10  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 14  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 20  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| Stamps   |                 |                 |                    |               |



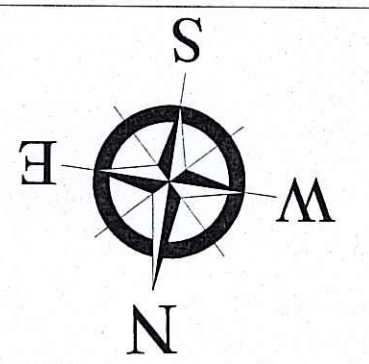


# PAKISTANI,PUNJAB,BENGALI,MALABAR MESS KITCHEN & STORE



# JUNIORS MESS LAYOUT

- Note:-
1. All Caravans shall be constructed from 1 hour fire rated material.
  2. All caravans shall be used for a maximum period of 6 months only.
  3. Construction of mess areas having kitchen shall be concrete type.



KEY PLAN :

## LEGENDS

| LEGEND FOR FIRE FIGHTING |  |
|--------------------------|--|
|                          | MULTIPURPOSE (ABC)<br>DRY POWDER TYPE 4.5KG EXTINGUISHER   |
|                          | MULTIPURPOSE (ABC)<br>CO2 TYPE 2 KG EXTINGUISHER   |
|                          | FIRE HOSE CABINET<br>(SINGLE DOOR)<br>1 No: Ø25x30 Mtr. LONG HOSE REEL & NOZZLE<br>1 No: Ø25 PRESSURE REDUCING ANGLE VALVE |
|                          | FIRE HYDRANT   |
|                          | AIR RELEASE VALVE  |

PROJECT NO: STE-SD-026/15

DATE : 25:10:2015

OWNER :-



PLOT NO :- T-1059

AREA :- RUWAI

FIRE FIGHTING CONTRACTOR



MAIN CONSULTANT



PROJECT NAME :-  
RUWAI HOUSING COMPLEX EXPANSION- PHASE-4  
CONSTRUCTION OF INFRASTRUCTURE WORKS

SHEET NO :- FF-5/7 SCALE :- N.T.S

DRAWN BY  
Yasir

APPROVED BY

PROJECT ID :-

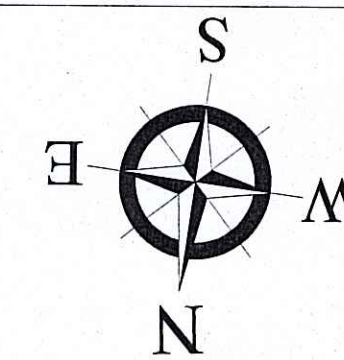
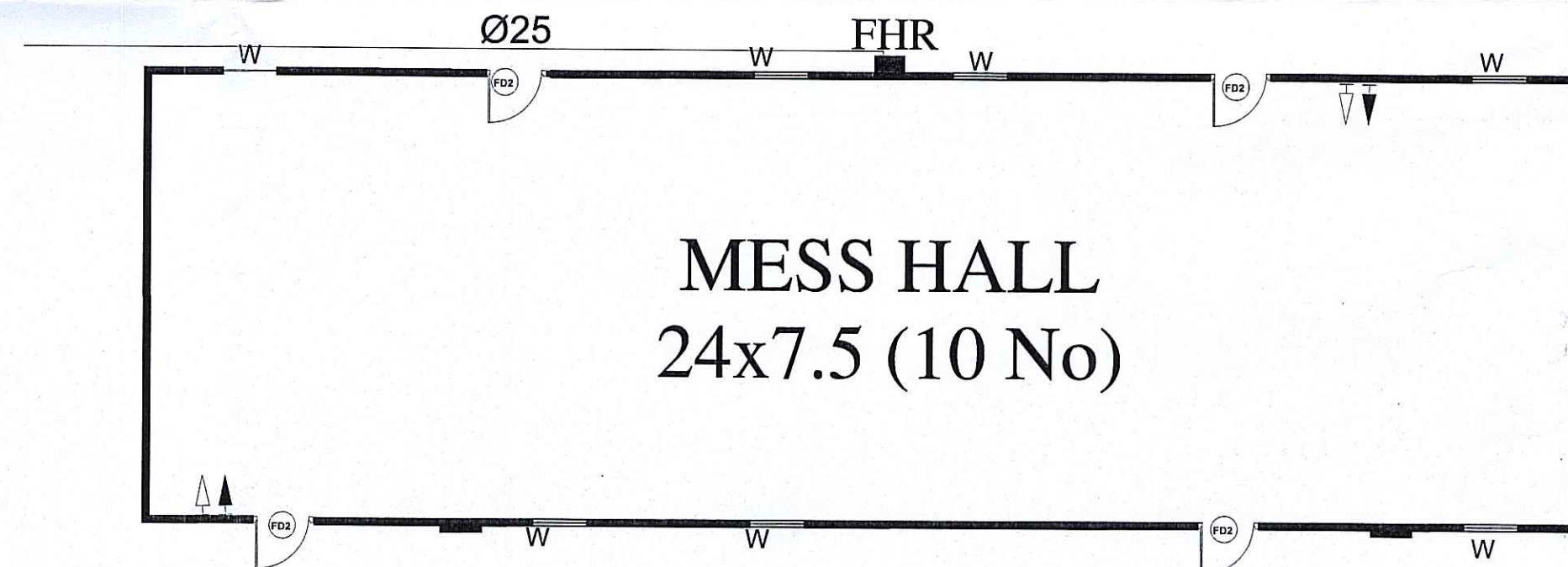
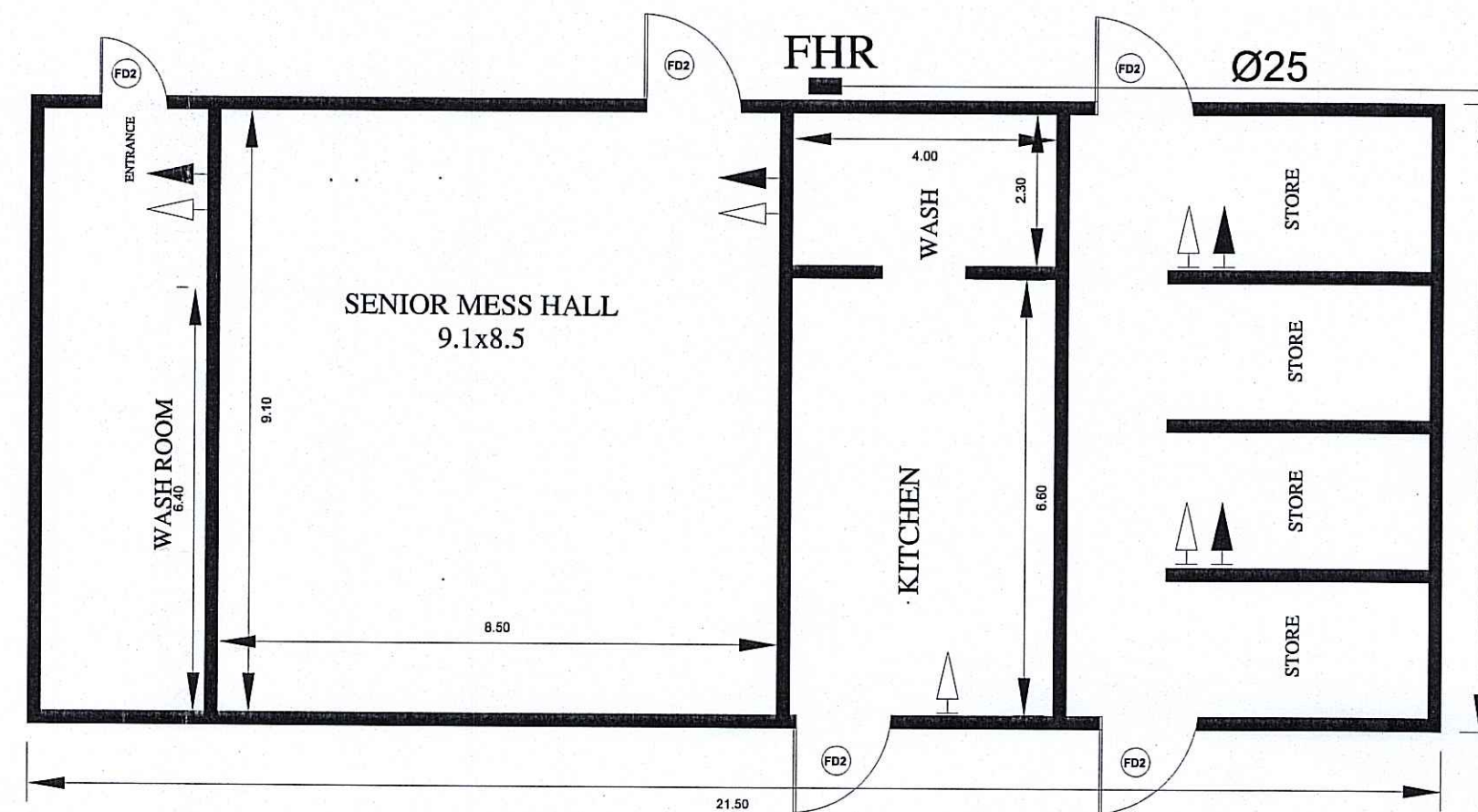
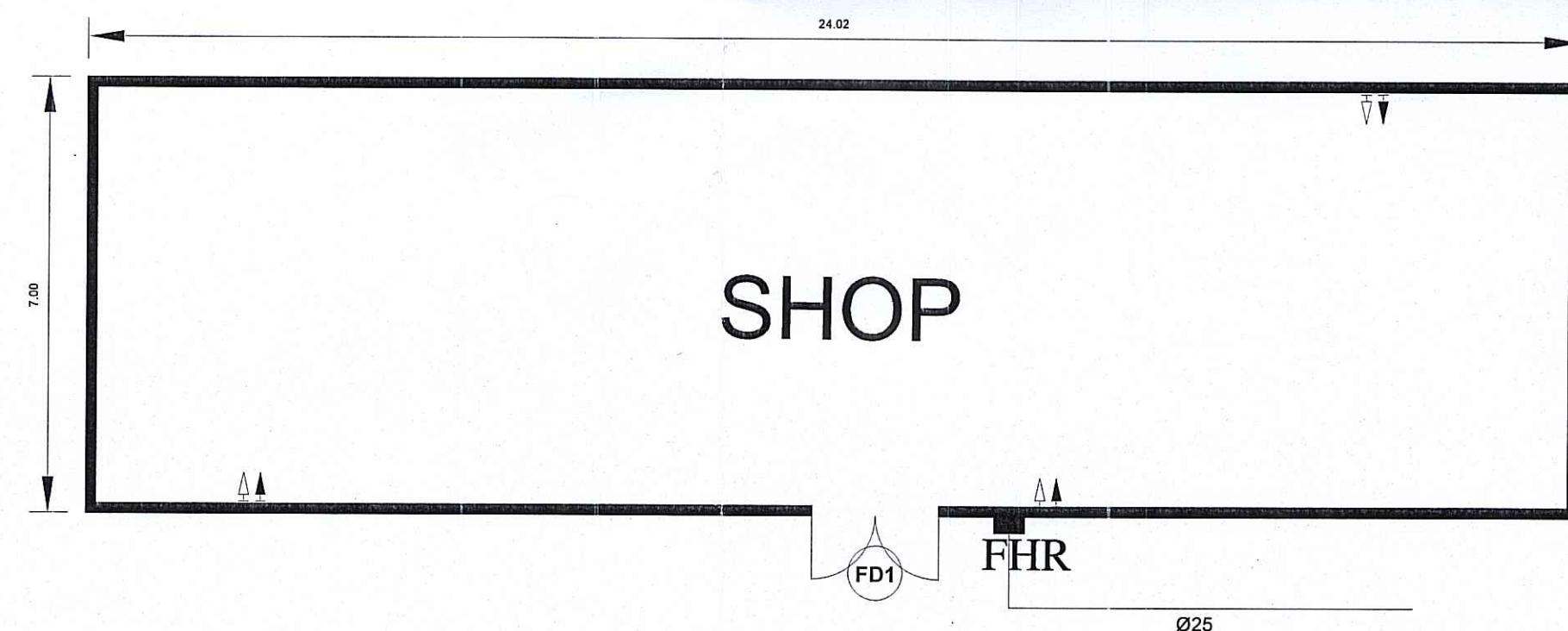
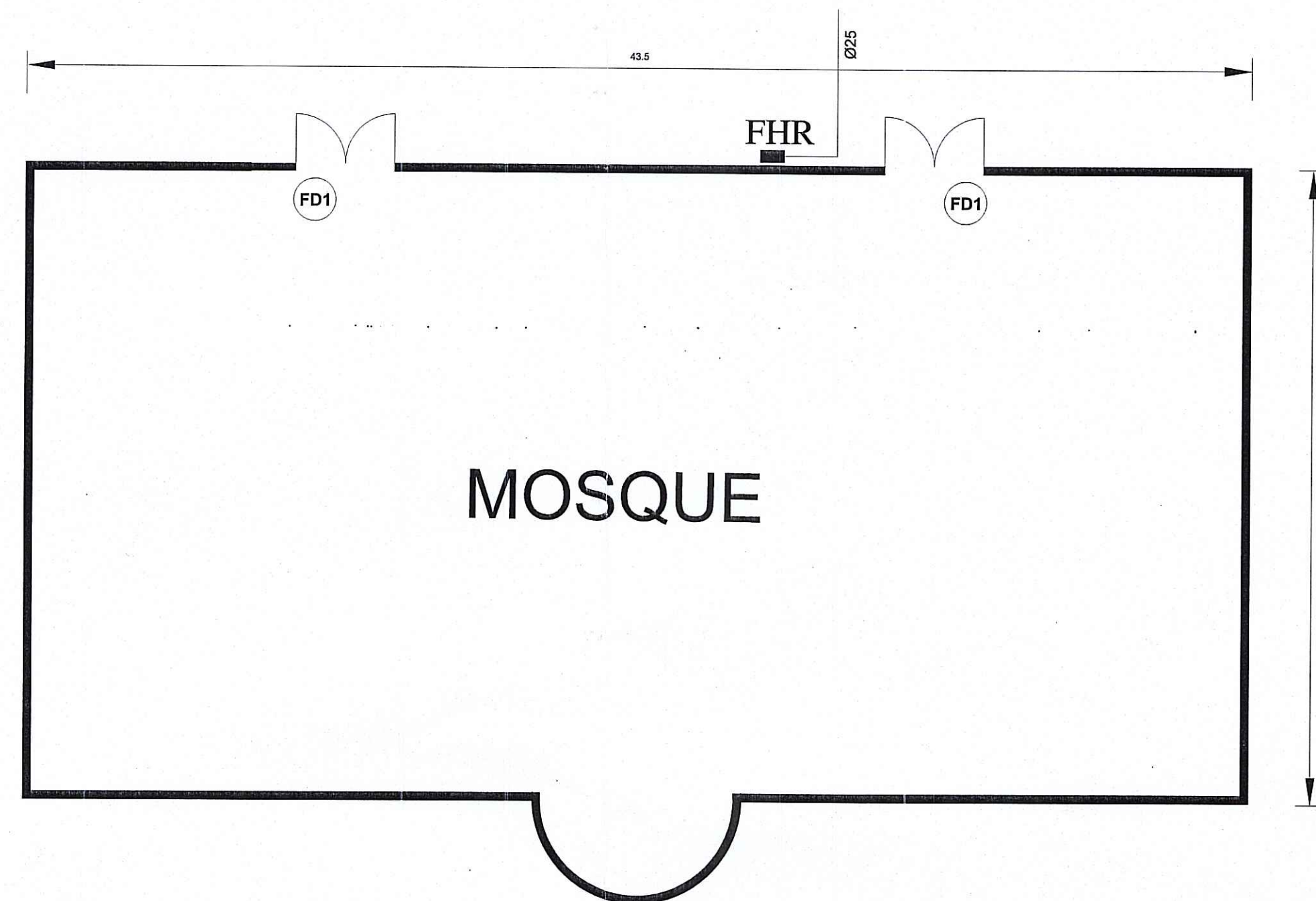
35459

KITCHEN & STORE

| PARTY    | MAIN CONSULTANT | MAIN CONTRACTOR | APPROVED INSTALLER | CIVIL DEFENCE |
|----------|-----------------|-----------------|--------------------|---------------|
| Standard | ENG./.....      | ENG./.....      | ENG./.....         | ENG./.....    |
| NFPA 10  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 14  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 20  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| Stamps   |                 |                 |                    |               |



- Note:-
1. All Caravans shall be constructed from 1 hour fire rated material.
  2. All caravans shall be used for a maximum period of 6 months only.
  3. Construction of mess areas having kitchen shall be concrete type.
  4. Refer to piping layout drawing for FHR piping details.



KEY PLAN :

## LEGENDS

| LEGEND FOR FIRE FIGHTING |  |
|--------------------------|--|
|                          | MULTIPURPOSE (ABC)<br>DRY POWDER TYPE 4.5KG EXTINGUISHER   |
|                          | MULTIPURPOSE (ABC)<br>CO2 TYPE 2 KG EXTINGUISHER   |
|                          | FIRE HOSE CABINET<br>(SINGLE DOOR)<br>1 No: Ø25X30 Mtr. LONG HOSE REEL & NOZZLE<br>1 No: Ø25 PRESSURE REDUCING ANGLE VALVE |
|                          | FIRE HYDRANT   |
|                          | AIR RELEASE VALVE  |

PROJECT NO: STE-SD-026/15

DATE : 25:10:2015

OWNER :-

أدنوك  
ADNOC  
شركة بترول أبوظبي الوطنية

PLOT NO :- T-1059

AREA :- RUWAIS

FIRE FIGHTING CONTRACTOR

**SAFAD**  
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P.O.Box: 56498 • E-mail: plaza.uae@gmail.com

PROJECT NAME :-

RUWAIS HOUSING COMPLEX EXPANSION- PHASE-4  
CONSTRUCTION OF INFRASTRUCTURE WORKS

SHEET NO :- FF-6/7

SCALE :- N.T.S

DRAWN BY  
Yasir

APPROVED BY

PROJECT ID :-

35459

Shop, Mosque, Senior mess,  
Mess hall layout

| PARTY    | MAIN CONSULTANT | MAIN CONTRACTOR | APPROVED INSTALLER | CIVIL DEFENCE |
|----------|-----------------|-----------------|--------------------|---------------|
| Standard | ENG./.....      | ENG./.....      | ENG./.....         | ENG./.....    |
| NFPA 10  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 14  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 20  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| Stamps   |                 |                 |                    |               |

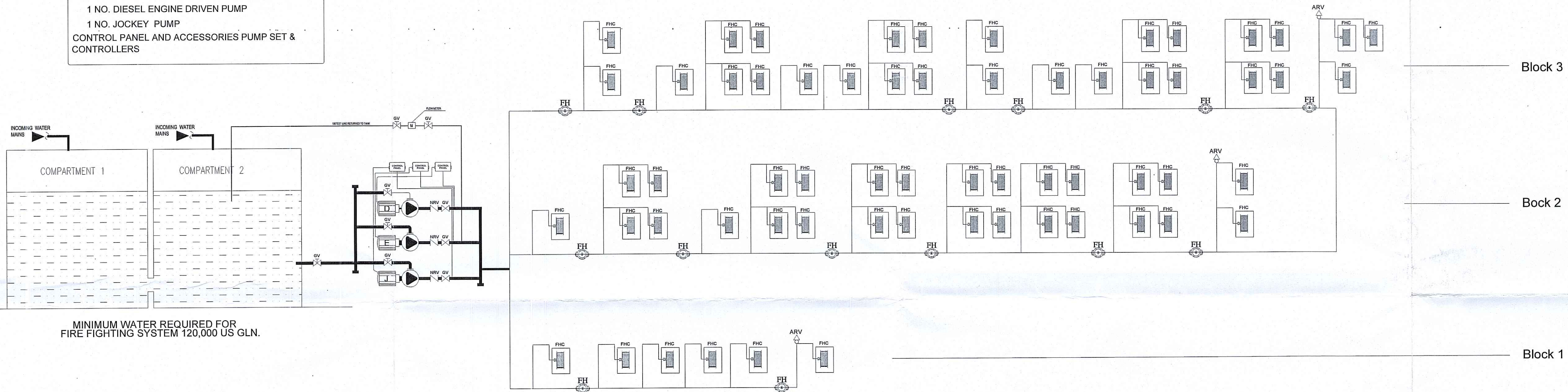


- Note:-
1. All Caravans shall be constructed from 1 hour fire rated material.
  2. All caravans shall be used for a maximum period of 6 months only.
  3. Construction of mess areas having kitchen shall be concrete type.

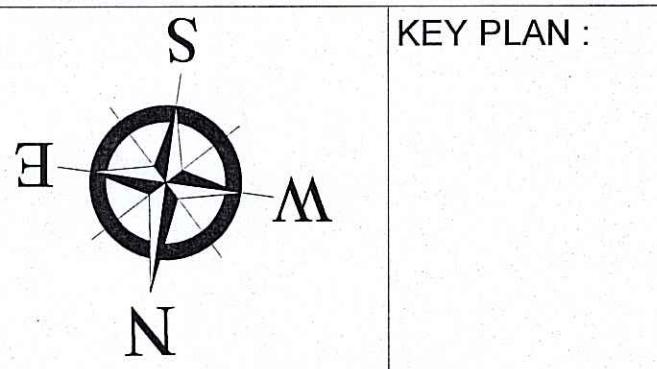
PROPOSED END SUCTION FIRE FIGHTING  
PUMPS SET ( 1000 GALLON/ MIN AT 10.5 BAR)

- 1 NO. ELECTRIC DRIVEN PUMP
- 1 NO. DIESEL ENGINE DRIVEN PUMP
- 1 NO. JOCKEY PUMP

CONTROL PANEL AND ACCESSORIES' PUMP SET &  
CONTROLLERS



## SCHEMATIC DIAGRAM



## LEGENDS

| LEGEND FOR FIRE FIGHTING |  |
|--------------------------|--|
|                          | MULTIPURPOSE (ABC)<br>DRY POWDER TYPE 4.5KG EXTINGUISHER   |
|                          | MULTIPURPOSE (ABC)<br>CO2 TYPE 2 KG EXTINGUISHER   |
|                          | FIRE HOSE CABINET<br>(SINGLE DOOR)<br>1 No: 025X30 Mir. LONG HOSE REEL & NOZZLE<br>1 No: 025 PRESSURE REDUCING ANGLE VALVE |
|                          | FH<br>FIRE HYDRANT   |
|                          | ARV<br>AIR RELEASE VALVE   |

PROJECT NO: STE-SD-026/15

DATE : 25:10:2015

OWNER :-



PLOT NO :- T-1059

AREA :- RUWAIS

FIRE FIGHTING CONTRACTOR



MAIN CONSULTANT



PROJECT NAME :-

RUWAIS HOUSING COMPLEX EXPANSION- PHASE-4  
CONSTRUCTION OF INFRASTRUCTURE WORKS

SHEET NO :- FF-7/7

SCALE :- N.T.S

DRAWN BY  
Yasir

APPROVED BY

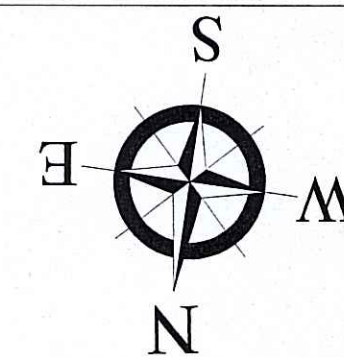
PROJECT ID :-

35459

## SCHEMATIC DIAGRAM

| PARTY    | MAIN CONSULTANT | MAIN CONTRACTOR | APPROVED INSTALLER | CIVIL DEFENCE |
|----------|-----------------|-----------------|--------------------|---------------|
| Standard | ENG./.....      | ENG./.....      | ENG./.....         | ENG./.....    |
| NFPA 10  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 14  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 20  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| Stamps   |                 |                 |                    |               |





KEY PLAN :

## LEGENDS

| SYMBOL      | DESCRIPTION                          |
|-------------|--------------------------------------|
| <b>FACP</b> | ADD. 4 LOOP FIRE ALARM CONTROL PANEL |
| <b>S</b>    | ADD. SMOKE DETECTOR HEAD             |
| <b>H</b>    | ADD. HEAT DETECTOR HEAD              |
| <b>BG</b>   | ADD. BREAK GLASS UNIT                |
| <b>HD</b>   | ELECTRONIC SOUNDER (95/105DB)        |
| <b>EL</b>   | EMERGENCY LIGHT (Monitored, 3 Hour)  |
| <b>EXIT</b> | EXIT LIGHT (Monitored, 3Hour)        |
| ---         | 1.5MM2 2CORE FIRE RESISTANT CABLET   |

PROJECT NO: STE-SD-026/15

DATE : 25:10:2015

OWNER :-

أدنوك  
ADNOC  
شركة بترول أبوظبي الوطنية

PLOT NO :- T-1059

AREA :- RUWAIS

FIRE FIGHTING CONTRACTOR

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P.O.Box: 56498 • E-mail: plaza.uae@gmail.com

PROJECT NAME :-

RUWAIS HOUSING COMPLEX EXPANSION- PHASE-4  
CONSTRUCTION OF INFRASTRUCTURE WORKS

SHEET NO :- FA-1/7

SCALE :- N.T.S

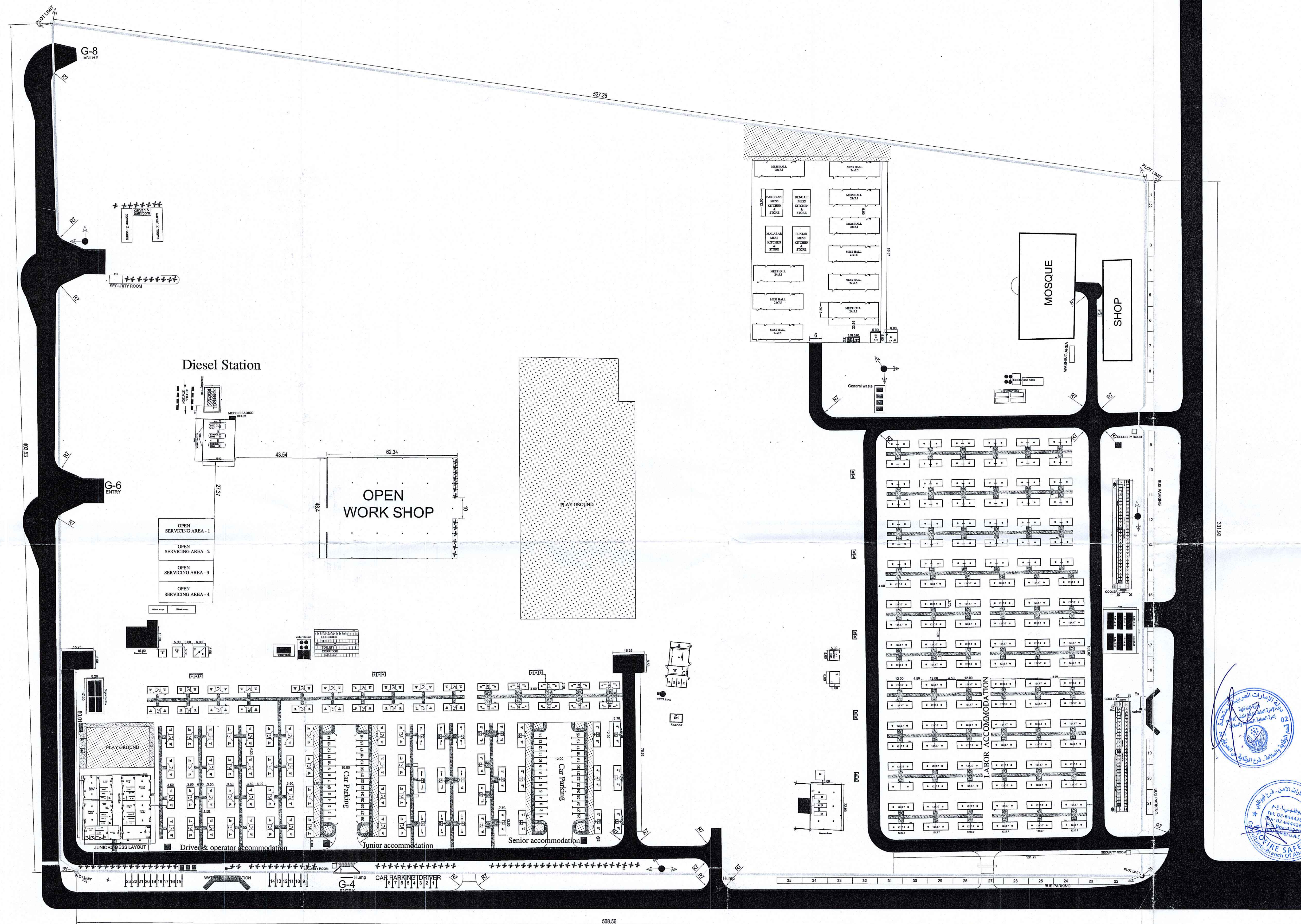
DRAWN BY  
Yasir

APPROVED BY

PROJECT ID :-

35459

SITE PLAN

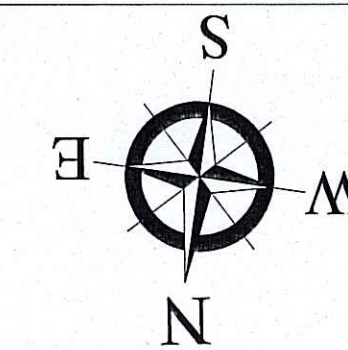
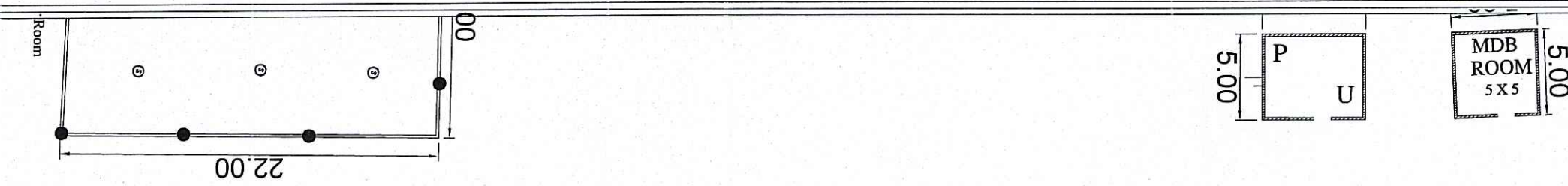


|           |                 |                 |                    |               |
|-----------|-----------------|-----------------|--------------------|---------------|
| PARTY     | MAIN CONSULTANT | MAIN CONTRACTOR | APPROVED INSTALLER | CIVIL DEFENCE |
| Standard  | ENG./.....      | ENG./.....      | ENG./.....         | ENG./.....    |
| NFPA 72   | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 101  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 5000 | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| Stamps    |                 |                 |                    |               |









KEY PLAN :

## LEGENDS

| SYMBOL | DESCRIPTION                          |
|--------|--------------------------------------|
| FACP   | ADD. 4 LOOP FIRE ALARM CONTROL PANEL |
| S      | ADD. SMOKE DETECTOR HEAD             |
| H      | ADD. HEAT DETECTOR HEAD              |
| BG     | ADD. BREAK GLASS UNIT                |
| HD     | ELECTRONIC SOUNDER (95/105DB)        |
| EL     | EMERGENCY LIGHT (Monitored, 3 Hour)  |
| EXIT   | EXIT LIGHT (Monitored, 3Hour)        |
| ---    | 1.5MM2 2CORE FIRE RESISTANT CABLET   |

PROJECT NO: STE-SD-026/15

DATE : 25:10:2015

OWNER :-



PLOT NO :- T-1059

AREA :- RUWAI

FIRE FIGHTING CONTRACTOR



MAIN CONSULTANT



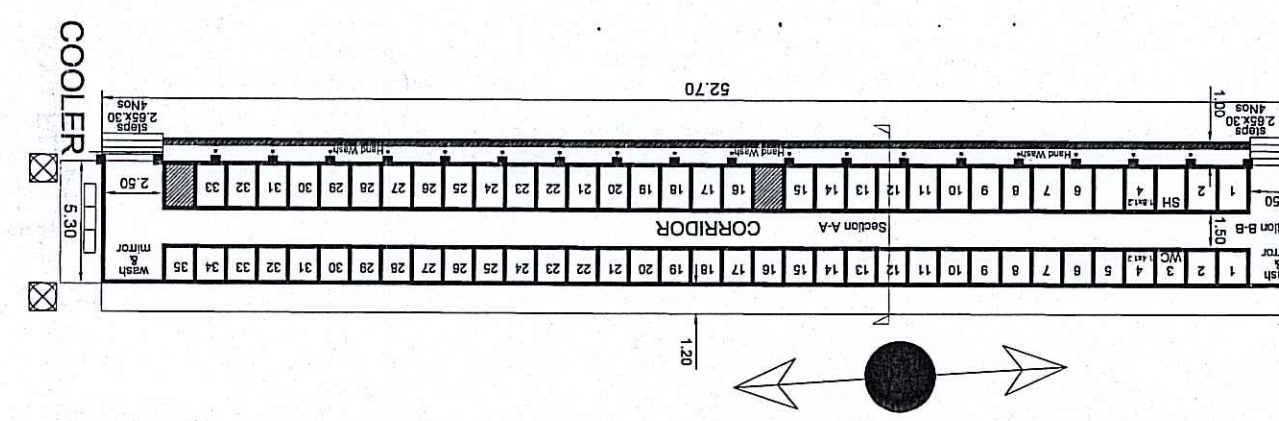
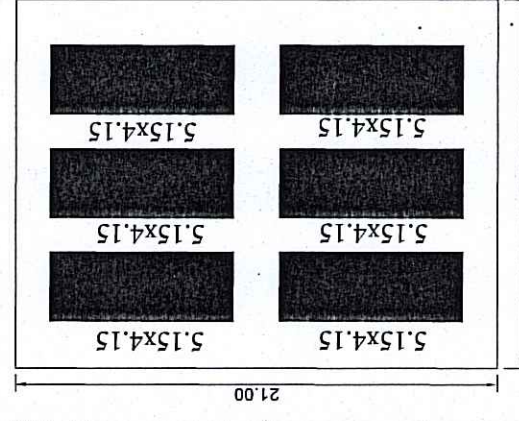
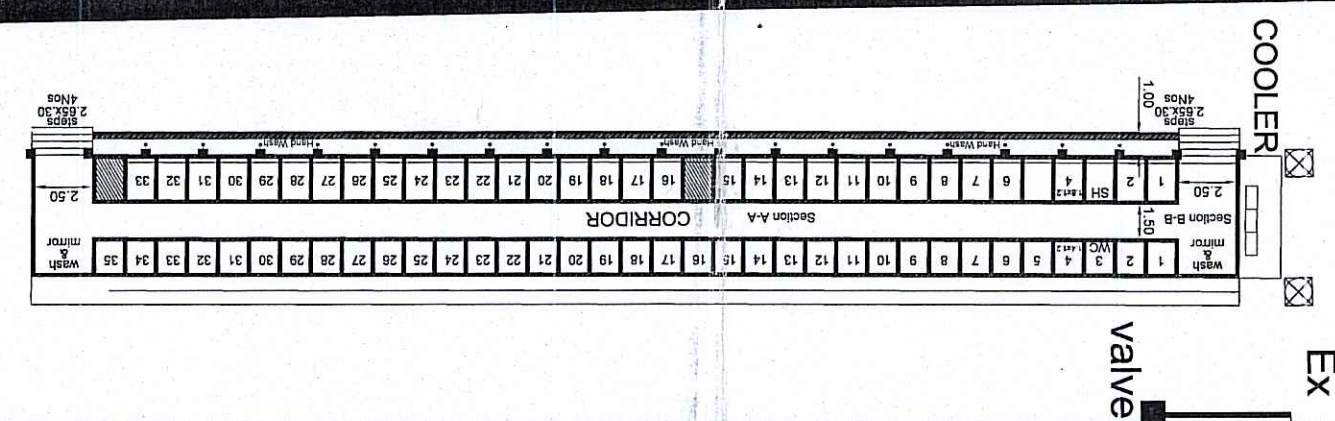
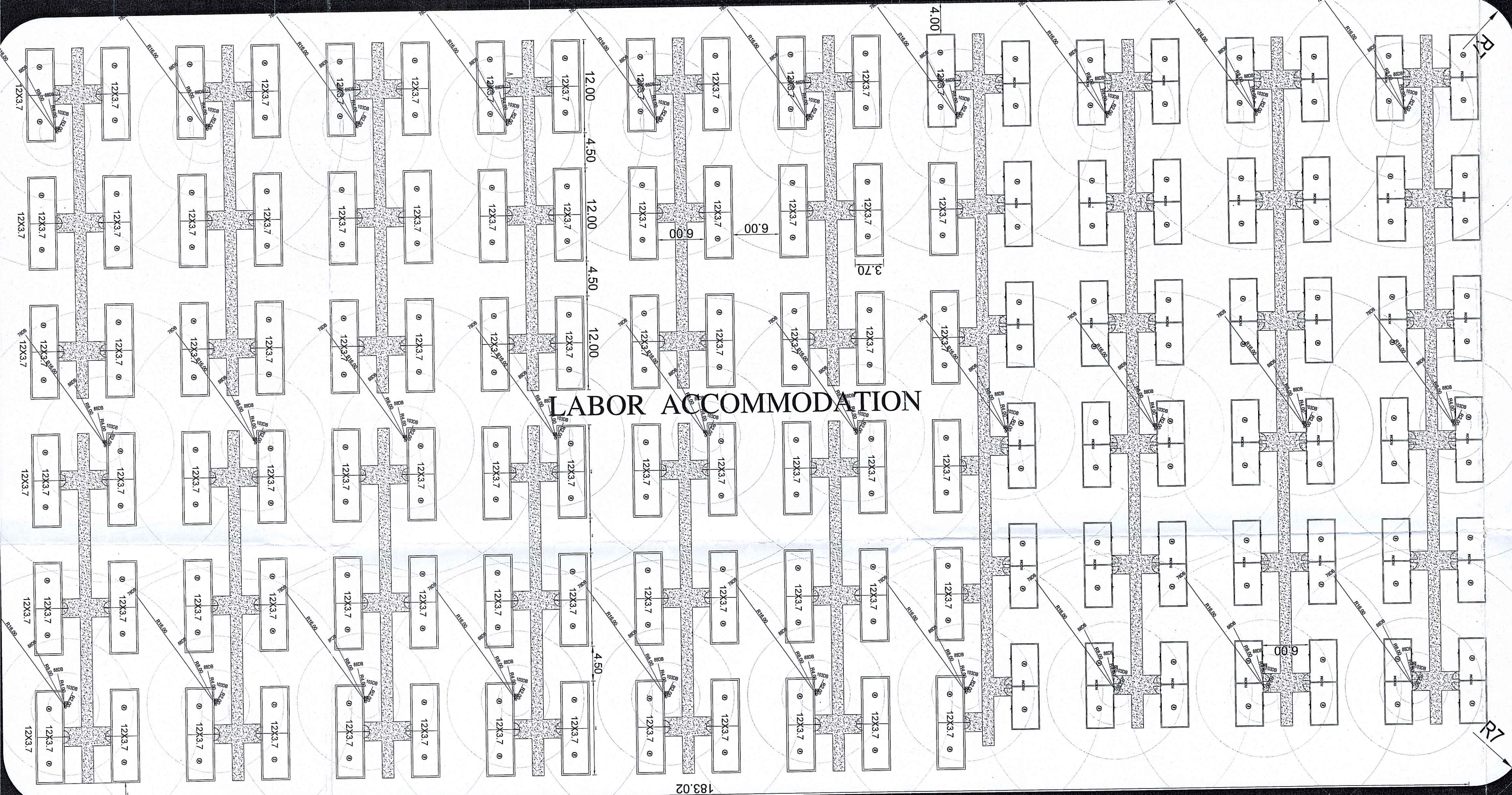
PROJECT NAME :-  
RUWAI HOUSING COMPLEX EXPANSION- PHASE-4  
CONSTRUCTION OF INFRASTRUCTURE WORKS

SHEET NO :- FA-3/7 SCALE :- N.T.S

DRAWN BY  
Yasir

APPROVED BY  
PROJECT ID :-  
35459

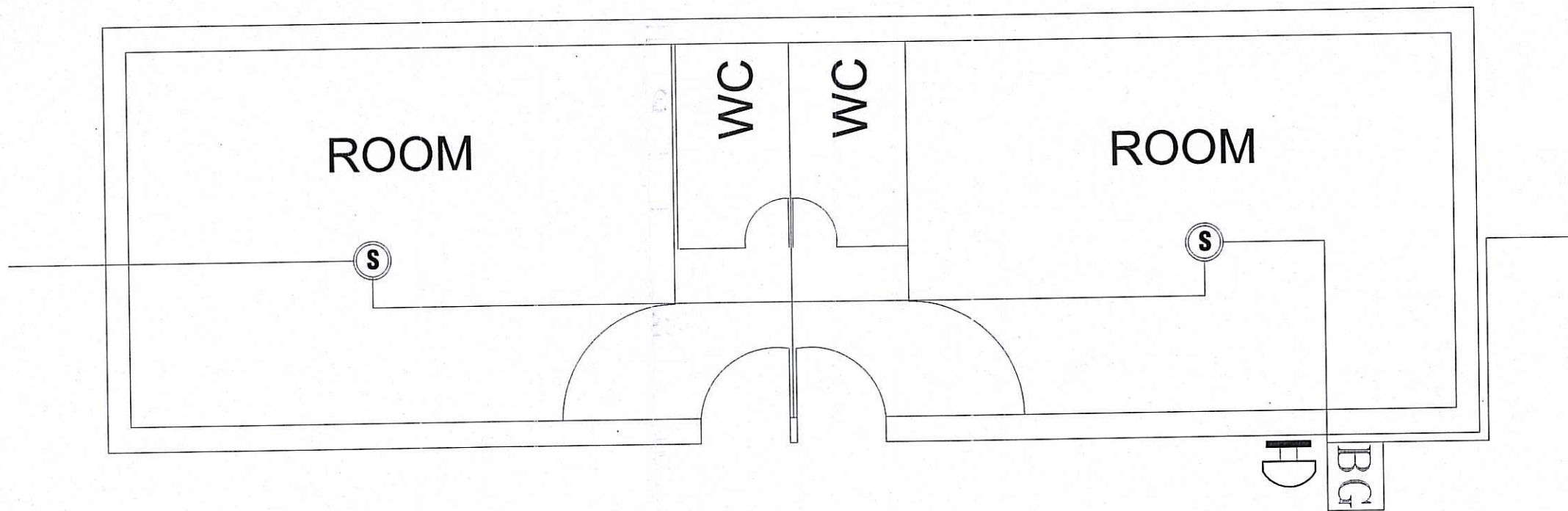
DETAILED LAYOUT 2



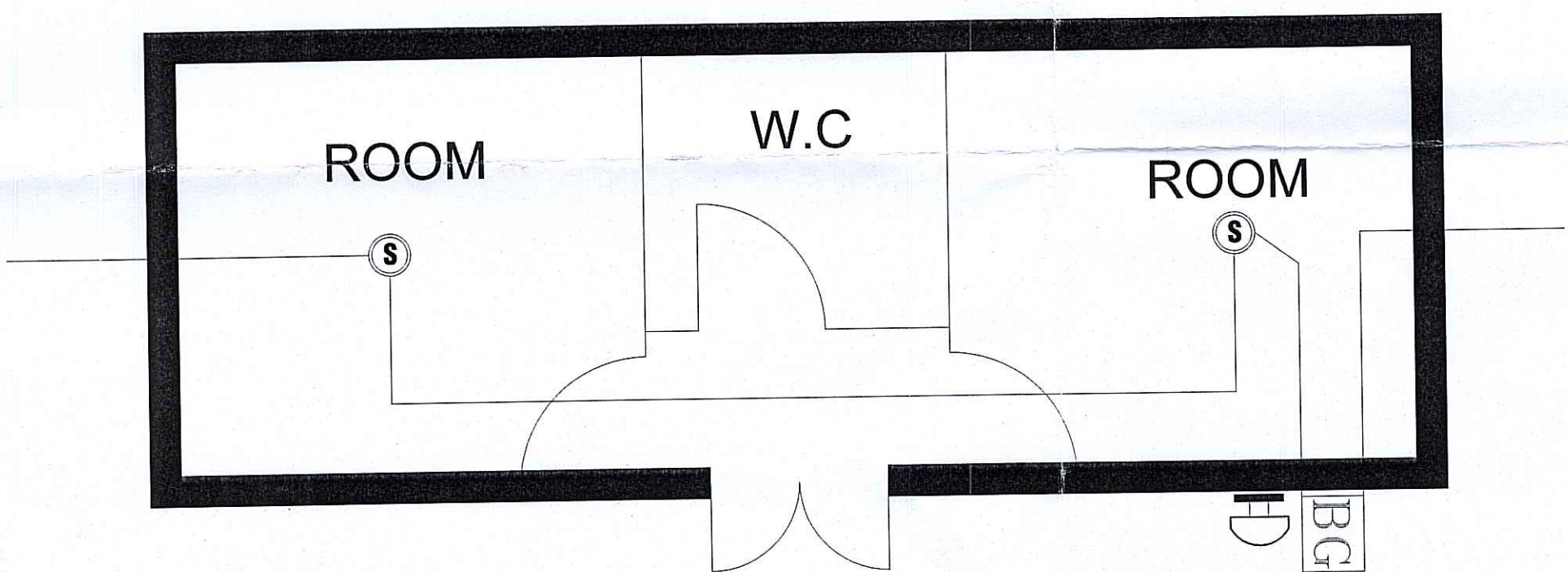
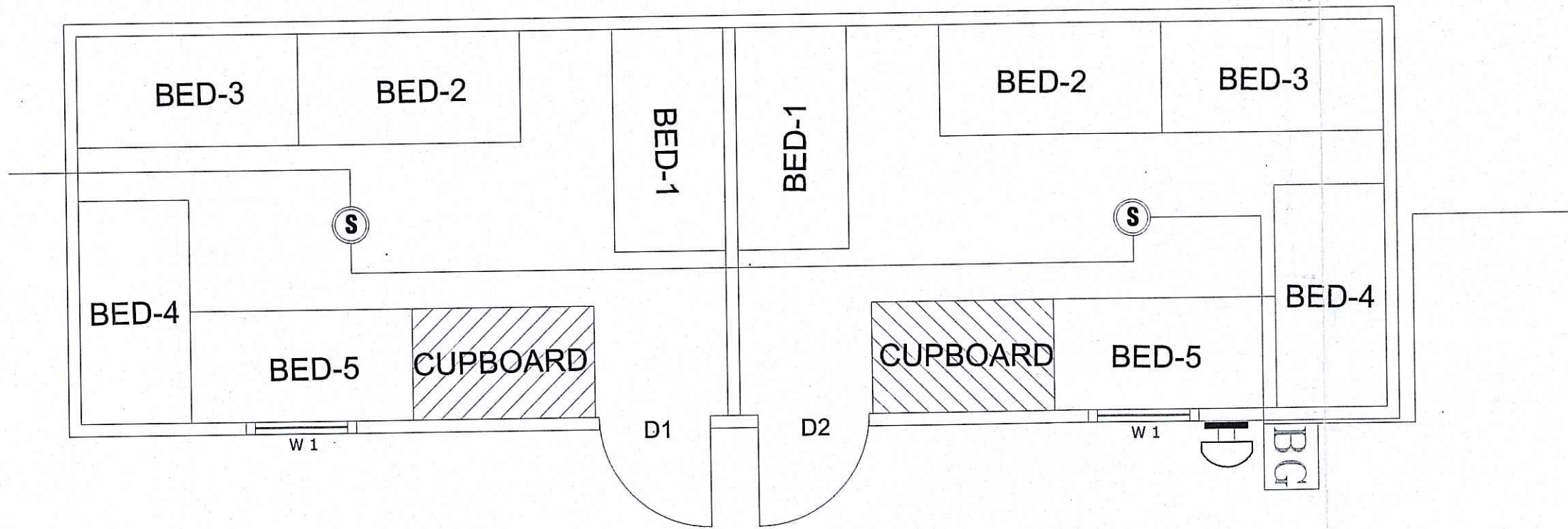
| PARTY     | MAIN CONSULTANT | MAIN CONTRACTOR | APPROVED INSTALLER | CIVIL DEFENCE |
|-----------|-----------------|-----------------|--------------------|---------------|
| Standard  | ENG./.....      | ENG./.....      | ENG./.....         | ENG./.....    |
| NFPA 72   | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 101  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 5000 | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| Stamps    |                 |                 |                    |               |



SENIOR CARAVANS (12x3.70) 20 Nos  
SENIOR CARAVANS (11x3.50) 11 Nos

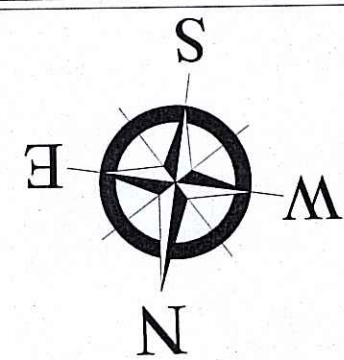


LABOR CARVANS (12x3.70) 78 Nos  
LABOR CARVANS (11x3.50) 45 Nos



DRIVER & OPERATOR CARVAN (10x3.50) 36 Nos  
JUNIOR CARAVANS (10x3.50) 16 Nos

Note:-  
1. All Caravans shall be constructed from 1 hour fire rated material.  
2. All caravans shall be used for a maximum period of 6 months only.  
3. Refer to detailed layout for exact location of MCPs and Sounders



KEY PLAN :

LEGENDS

| SYMBOL | DESCRIPTION                          |
|--------|--------------------------------------|
| FACP   | ADD. 4 LOOP FIRE ALARM CONTROL PANEL |
| S      | ADD. SMOKE DETECTOR HEAD             |
| H      | ADD. HEAT DETECTOR HEAD              |
| BG     | ADD. BREAK GLASS UNIT                |
| HD     | ELECTRONIC SOUNDER (95/105DB)        |
| EL     | EMERGENCY LIGHT (Monitored, 3 Hour)  |
| EXIT   | EXIT LIGHT (Monitored, 3Hour)        |
| ---    | 1.5MM2 2CORE FIRE RESISTANT CABLET   |

PROJECT NO: STE-SD-026/15

DATE : 25:10:2015

OWNER :-



PLOT NO :- T-1059

AREA :- RUWAIS

FIRE FIGHTING CONTRACTOR



MAIN CONSULTANT



PROJECT NAME :-

RUWAIS HOUSING COMPLEX EXPANSION- PHASE-4  
CONSTRUCTION OF INFRASTRUCTURE WORKS

SHEET NO :- FA-4/7

SCALE :- N.T.S

DRAWN BY  
Yasir

APPROVED BY

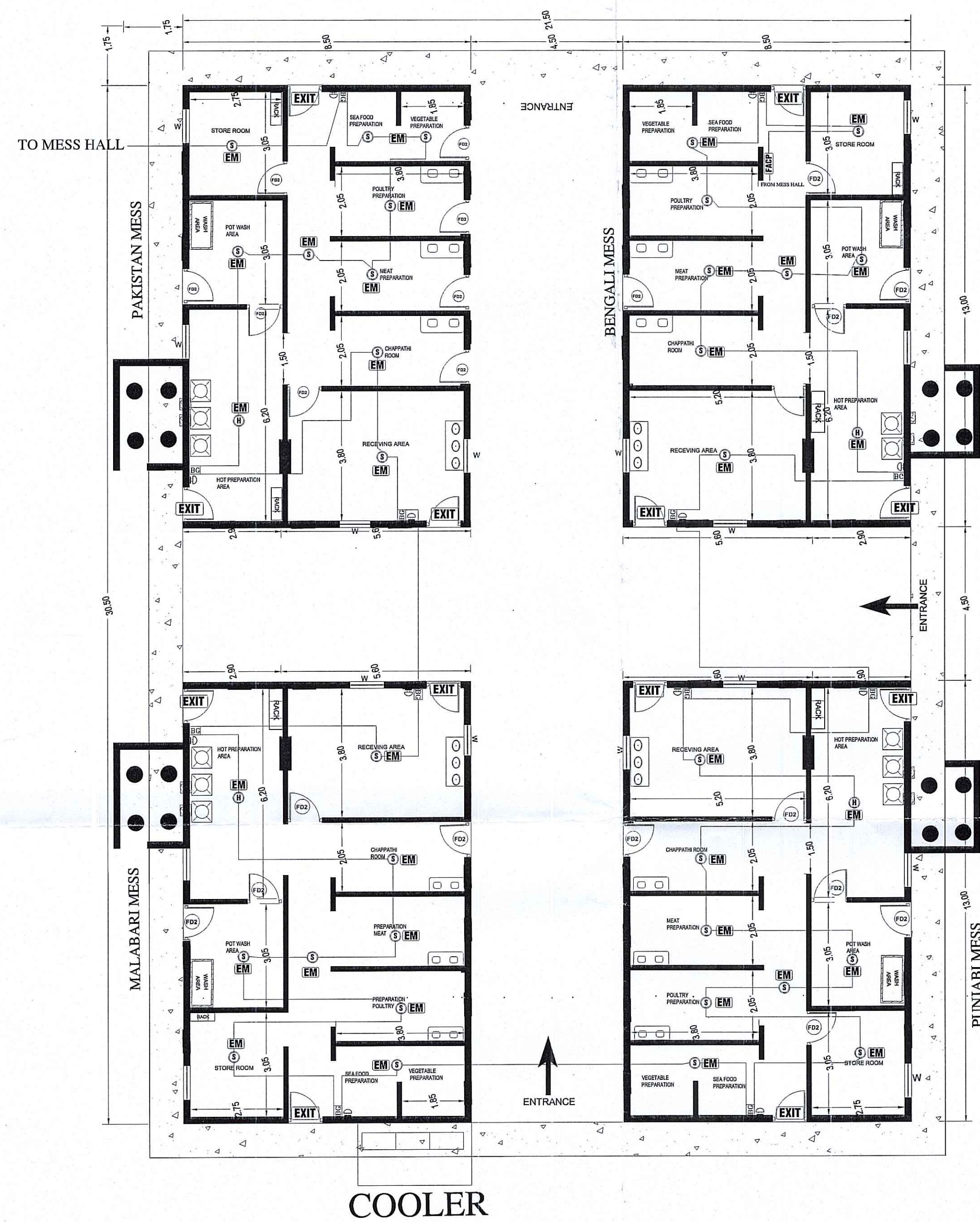
PROJECT ID :-

35459

CARAVAN LAYOUT

| PARTY     | MAIN CONSULTANT | MAIN CONTRACTOR | APPROVED INSTALLER | CIVIL DEFENCE |
|-----------|-----------------|-----------------|--------------------|---------------|
| Standard  | ENG./.....      | ENG./.....      | ENG./.....         | ENG./.....    |
| NFPA 72   | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 101  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 5000 | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| Stamps    |                 |                 |                    |               |

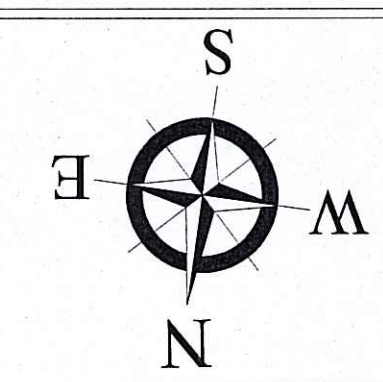




PAKISTANI,PUNJAB,BENGALI,MALABAR  
MESS KITCHEN & STORE



JUNIORS MESS LAYOUT



KEY PLAN :

### LEGENDS

| SYMBOL | DESCRIPTION                          |
|--------|--------------------------------------|
| FACP   | ADD. 4 LOOP FIRE ALARM CONTROL PANEL |
| S      | ADD. SMOKE DETECTOR HEAD             |
| H      | ADD. HEAT DETECTOR HEAD              |
| BG     | ADD. BREAK GLASS UNIT                |
| HD     | ELECTRONIC SOUNDER (95/105DB)        |
| EL     | EMERGENCY LIGHT (Monitored, 3 Hour)  |
| EXIT   | EXIT LIGHT (Monitored, 3Hour)        |
| ---    | 1.5MM2 2CORE FIRE RESISTANT CABLET   |

PROJECT NO: STE-SD-026/15

DATE : 25:10:2015

OWNER :-



PLOT NO :- T-1059

AREA :- RUWAIS

FIRE FIGHTING CONTRACTOR

**SAFAD**  
FIRE PREVENTION  
ABU DHABI - U.A.E.  
TEL: 02-5547470 Web Site: www.Safaduae.com  
FAX: 02-5547471 Email: Safaduae@emirates.net.ae

MAIN CONSULTANT

**plaza**  
Engineering Consultant  
Abu Dhabi: Tel: 02-6442273 Fax:02-6423661  
P.O.Box:56498 • E-mail: plaza.uae@gmail.com

PROJECT NAME :-

RUWAIS HOUSING COMPLEX EXPANSION- PHASE-4  
CONSTRUCTION OF INFRASTRUCTURE WORKS

SHEET NO :- FA-5/7

SCALE :- N.T.S

DRAWN BY  
Yasir

APPROVED BY

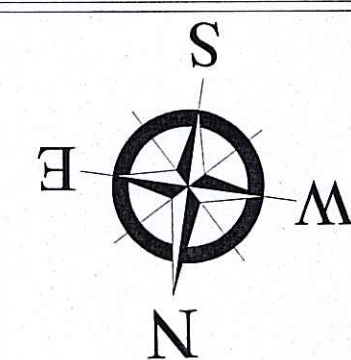
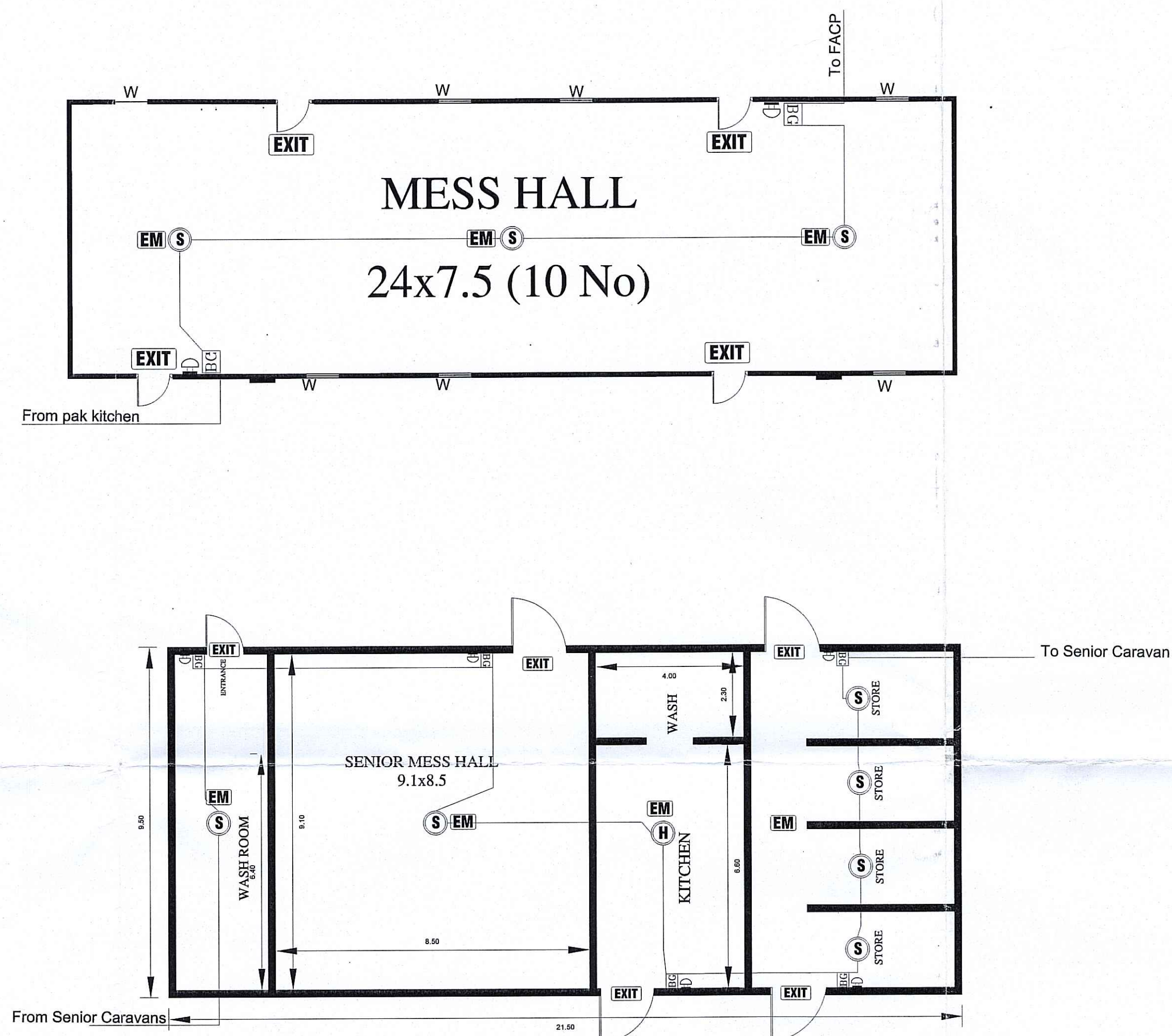
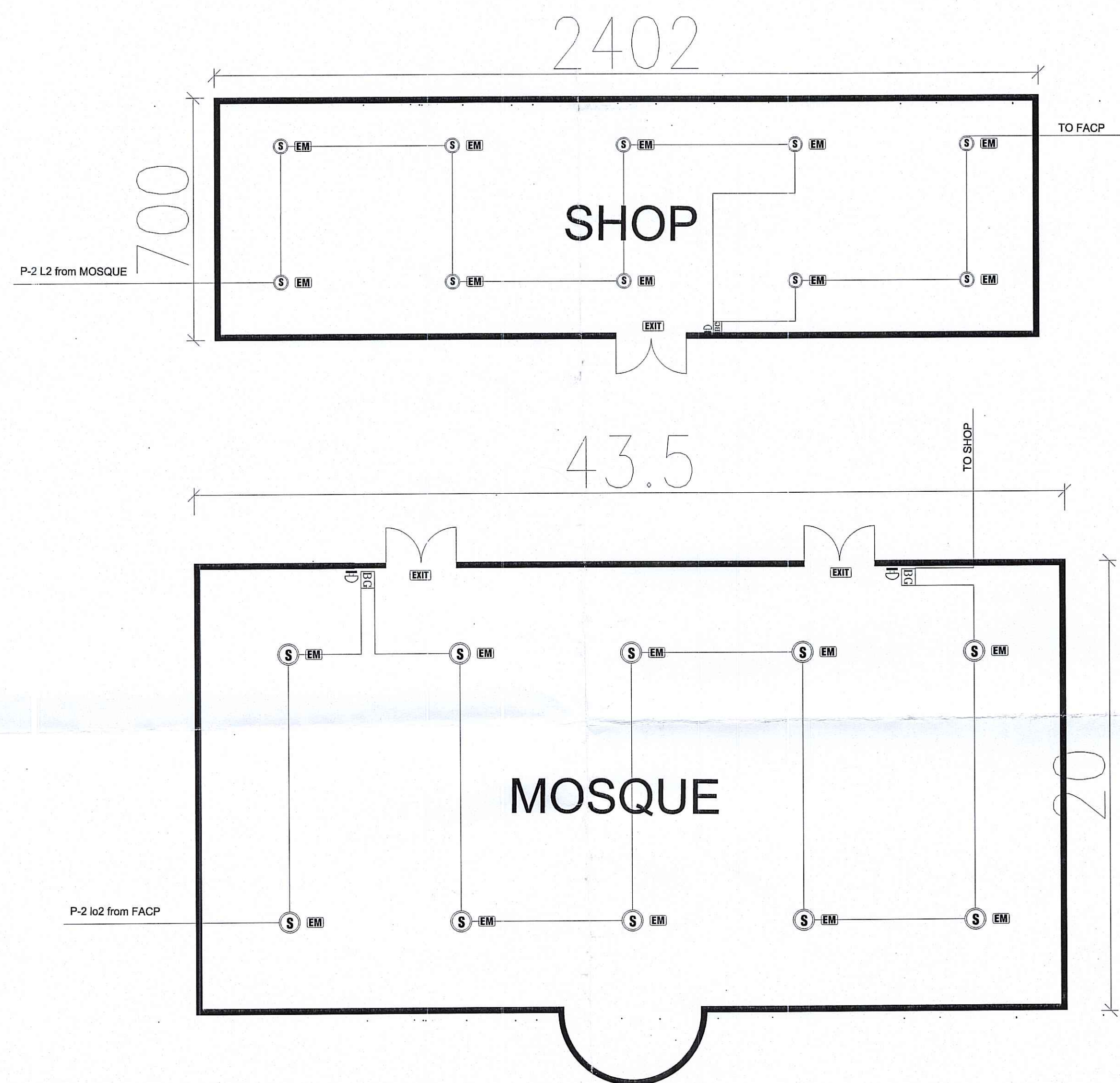
PROJECT ID :-

35459

KITCHEN & STORE

| PARTY     | MAIN CONSULTANT | MAIN CONTRACTOR | APPROVED INSTALLER | CIVIL DEFENCE |
|-----------|-----------------|-----------------|--------------------|---------------|
| Standard  | ENG./.....      | ENG./.....      | ENG./.....         | ENG./.....    |
| NFPA 72   | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 101  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 5000 | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| Stamps    |                 |                 |                    |               |





KEY PLAN :

## LEGENDS

| SYMBOL | DESCRIPTION                          |
|--------|--------------------------------------|
| FACP   | ADD. 4 LOOP FIRE ALARM CONTROL PANEL |
| S      | ADD. SMOKE DETECTOR HEAD             |
| H      | ADD. HEAT DETECTOR HEAD              |
| BG     | ADD. BREAK GLASS UNIT                |
| HD     | ELECTRONIC SOUNDER (95/105DB)        |
| EL     | EMERGENCY LIGHT (Monitored, 3 Hour)  |
| EXIT   | EXIT LIGHT (Monitored, 3Hour)        |
| ---    | 1.5MM2 2CORE FIRE RESISTANT CABLET   |

PROJECT NO: STE-SD-026/15

DATE : 25:10:2015

OWNER :-



PLOT NO :- T-1059

AREA :- RUWAIS

FIRE FIGHTING CONTRACTOR

**SAFAD**  
FIRE PREVENTION  
ABU DHABI - U.A.E.  
TEL: 02-5547470 FAX: 02-5547471  
Web Site : www.Safaduae.com Email: Safaduae@emirates.net.ae

MAIN CONSULTANT

**P laza**  
Engineering Consultant  
Abu Dhabi: Tel: 02-6442273 Fax:02-6423661  
P.O.Box:56498 • E-mail: plaza.uae@gmail.com

PROJECT NAME :-  
RUWAIS HOUSING COMPLEX EXPANSION- PHASE-4  
CONSTRUCTION OF INFRASTRUCTURE WORKS

SHEET NO :- FA-6/7 SCALE :- N.T.S

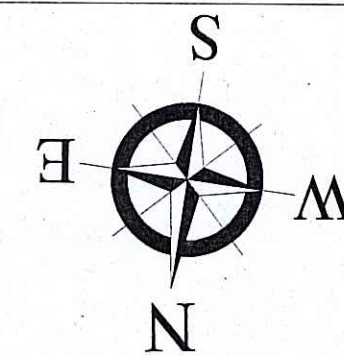
DRAWN BY  
Yasir

APPROVED BY  
PROJECT ID :-  
35459

Shop, Mosque, mess hall,  
senior mess layout

| PARTY     | MAIN CONSULTANT | MAIN CONTRACTOR | APPROVED INSTALLER | CIVIL DEFENCE |
|-----------|-----------------|-----------------|--------------------|---------------|
| Standard  | ENG./.....      | ENG./.....      | ENG./.....         | ENG./.....    |
| NFPA 72   | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 101  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 5000 | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| Stamps    |                 |                 |                    |               |





KEY PLAN :

## LEGENDS

| SYMBOL | DESCRIPTION                          |
|--------|--------------------------------------|
| FACP   | ADD. 4 LOOP FIRE ALARM CONTROL PANEL |
| S      | ADD. SMOKE DETECTOR HEAD             |
| H      | ADD. HEAT DETECTOR HEAD              |
| BG     | ADD. BREAK GLASS UNIT                |
| H      | ELECTRONIC SOUNDER (95/105DB)        |
| EL     | EMERGENCY LIGHT (Monitored, 3 Hour)  |
| EXIT   | EXIT LIGHT (Monitored, 3Hour)        |
| ---    | 1.5MM2 2CORE FIRE RESISTANT CABLET   |

PROJECT NO: STE-SD-026/15

DATE : 25:10:2015

OWNER :-

أدنوك  
ADNOC  
شركة بترول أبوظبي الوطنية

PLOT NO :- T-1059

AREA :- RUWAIS

FIRE FIGHTING CONTRACTOR

**SAFAD**  
FIRE PREVENTION  
ABU DHABI - U.A.E.  
TEL: 02-5547470 Web Site : www.Safaduae.com  
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MAIN CONSULTANT

**P plaza**  
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Abu Dhabi: Tel: 02-6442273 Fax: 02-6423661  
P.O.Box: 56498 • E-mail: plaza.uae@gmail.com

PROJECT NAME :-

RUWAIS HOUSING COMPLEX EXPANSION- PHASE-4  
CONSTRUCTION OF INFRASTRUCTURE WORKS

SHEET NO :- FA-7/7

SCALE :- N.T.S

DRAWN BY  
Yasir

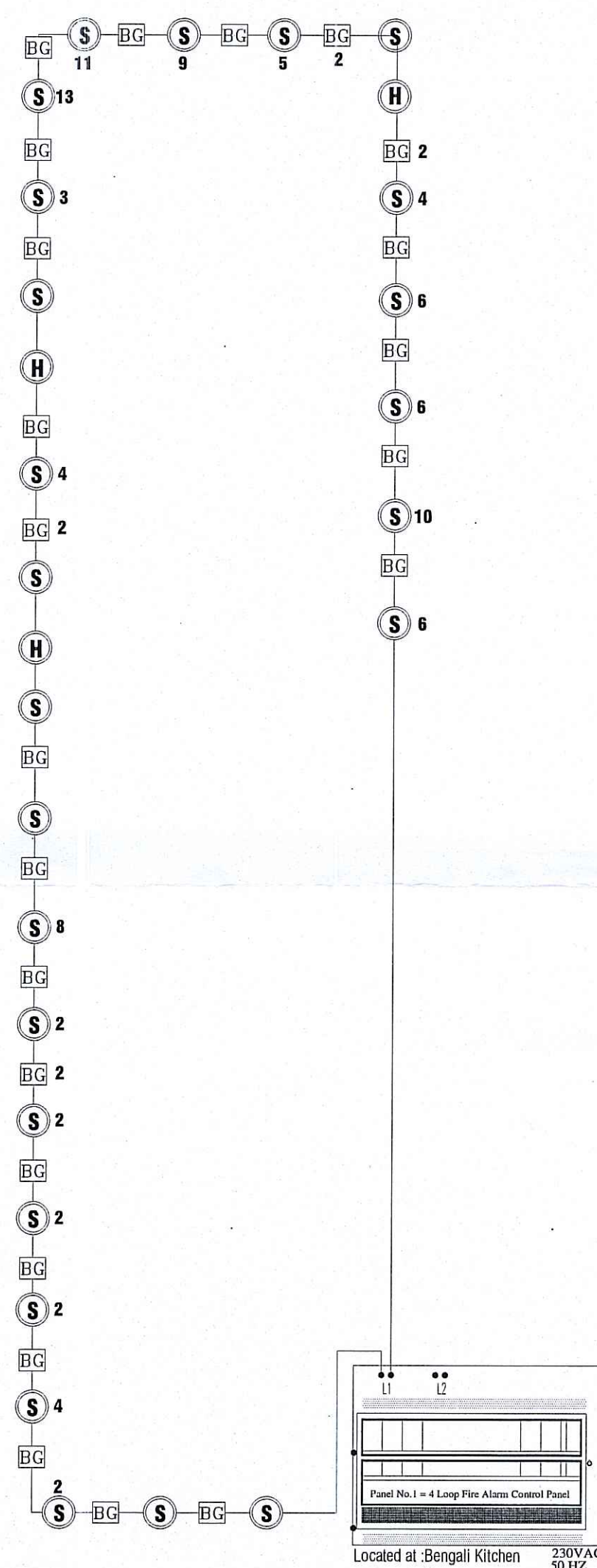
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PROJECT ID :-

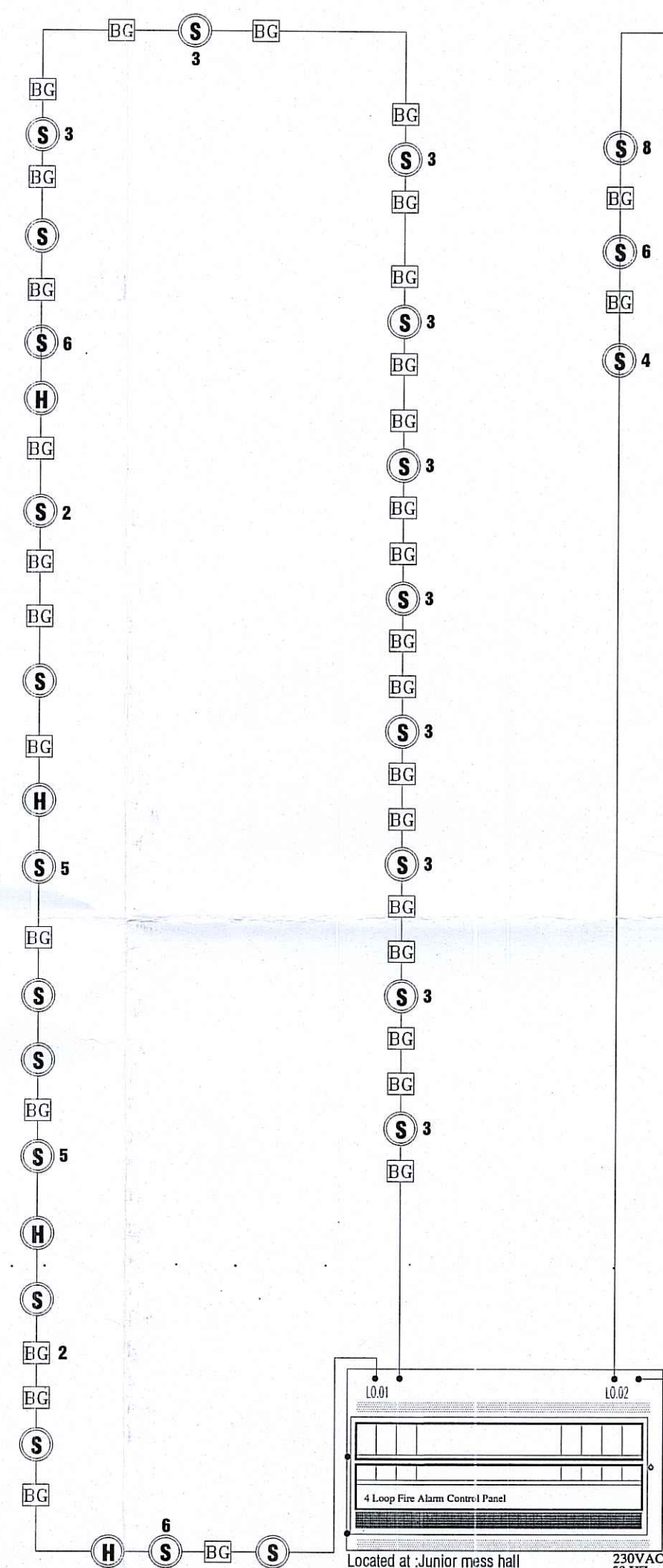
35459

SCHEMATIC  
DIAGRAM

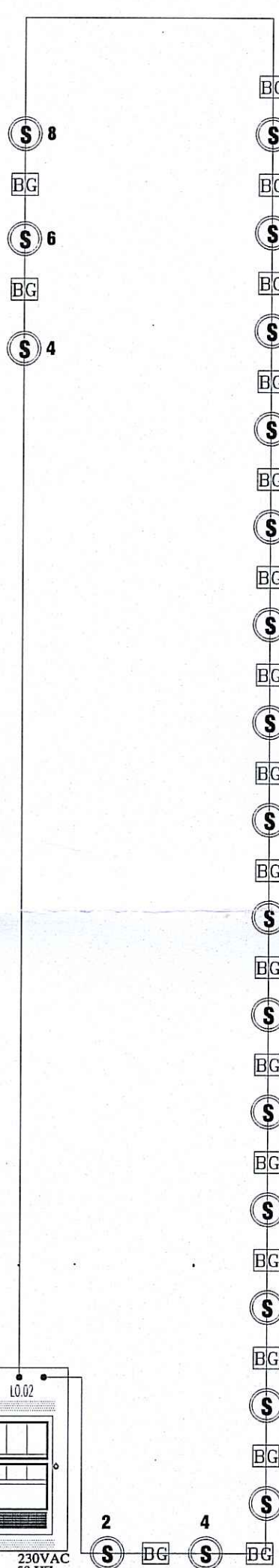
Mess hall + Kitchen



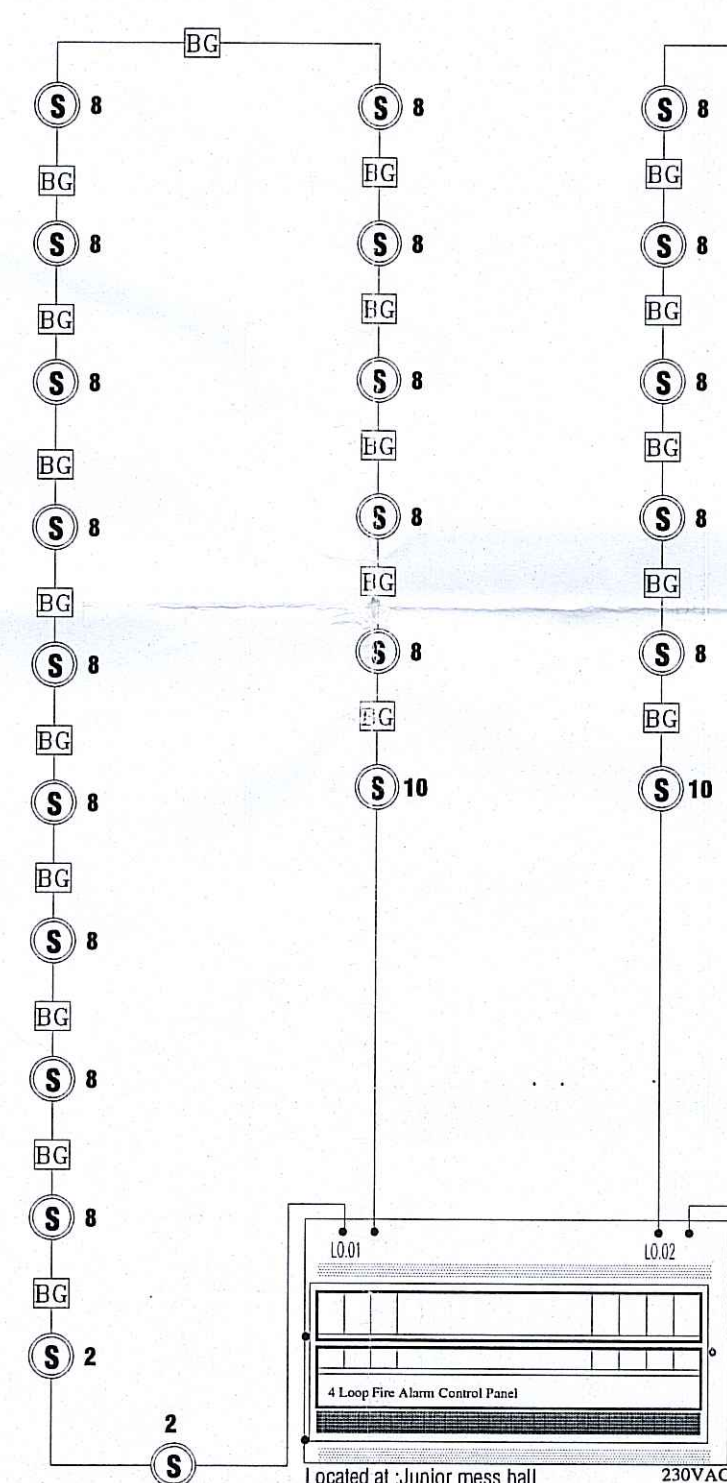
Junior mess hall + caravans



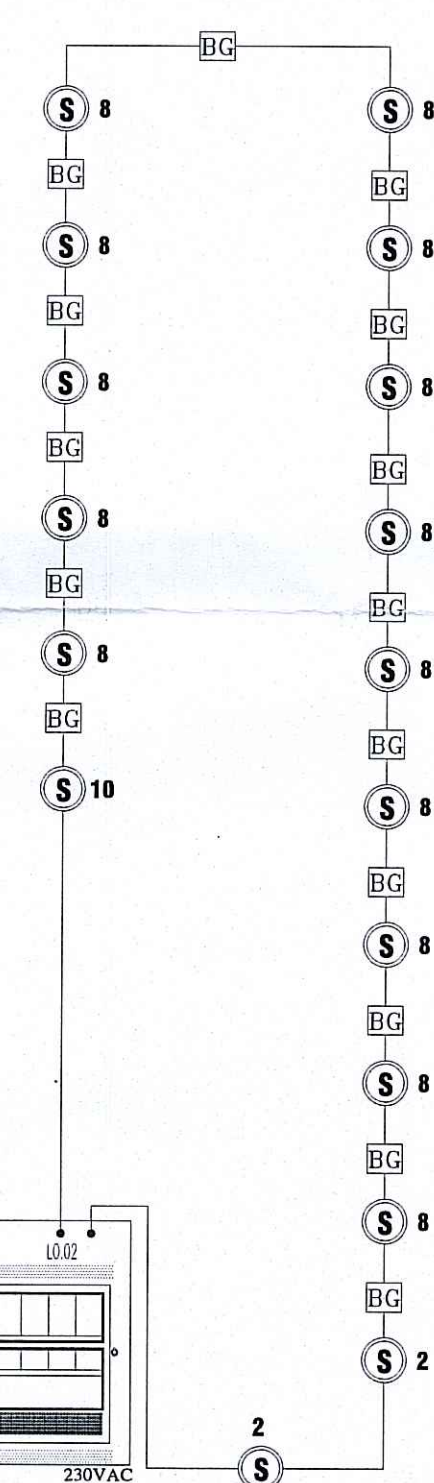
Caravans



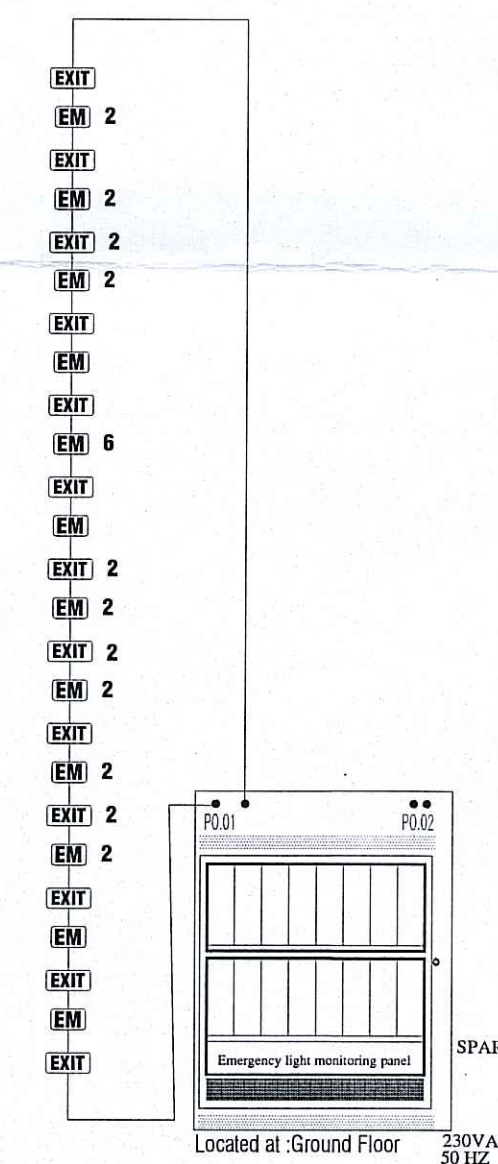
Labor Caravans



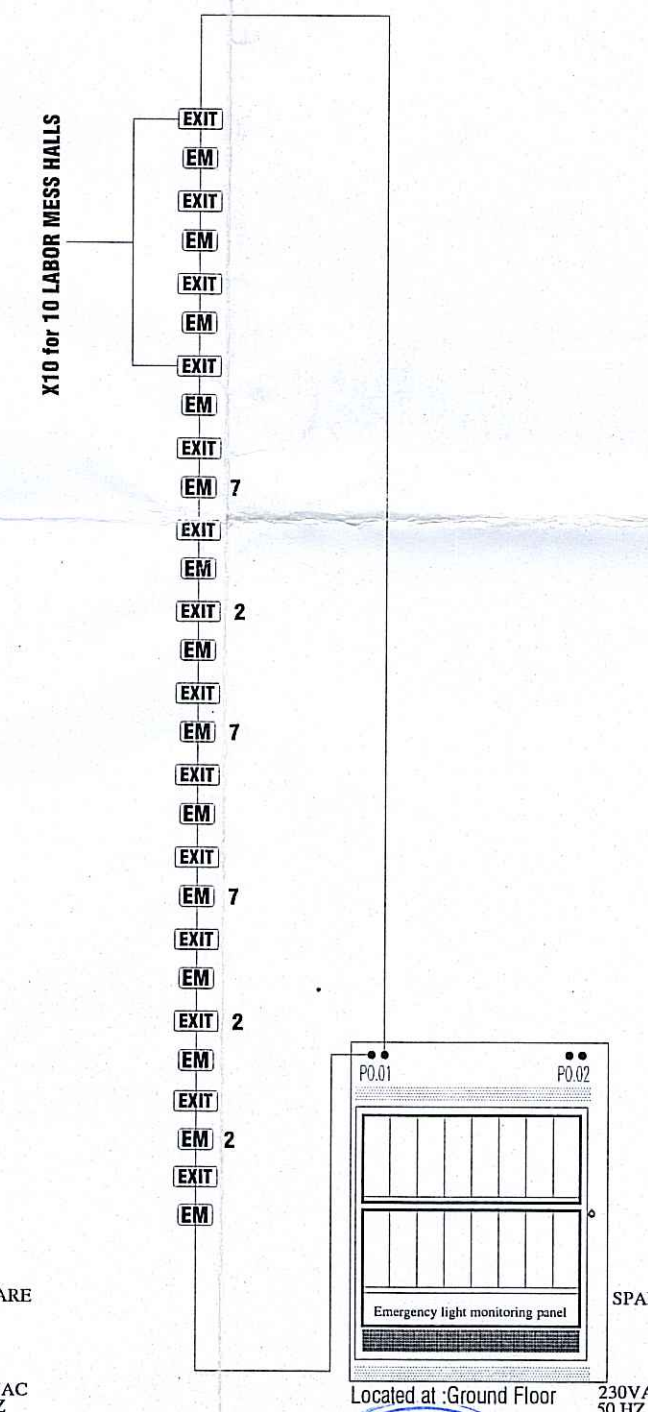
Labor Caravans



Junior mess hall



Mess hall + kitchens



| PARTY     | MAIN CONSULTANT | MAIN CONTRACTOR | APPROVED INSTALLER | CIVIL DEFENCE |
|-----------|-----------------|-----------------|--------------------|---------------|
| Standard  | ENG./.....      | ENG./.....      | ENG./.....         | ENG./.....    |
| NFPA 72   | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 101  | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| NFPA 5000 | SIGN./.....     | SIGN./.....     | SIGN./.....        | SIGN./.....   |
| Stamps    |                 |                 |                    |               |